



U.S. Department  
of Homeland Security  
**United States  
Coast Guard**

## LOCAL NOTICE TO MARINERS

**District: 11**

**Week: 13/15**

CORRESPONDENCE TO:  
COMMANDER  
DISTRICT ELEVEN (DPW)  
COAST GUARD ISLAND BUILDING 50-2  
ALAMEDA, CA 94501-5100

REFERENCES: COMDTPUB P16502.6, Light List Volume VI, 2015 Edition, U.S. Chart No.1 12th Edition, and Coast Pilot Volume 7 46th Edition. These publications, along with corrections, are available at: <http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm>.

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated through BNM HB-0008-15, SF-0059-15, LA-0052-15, and SD-0033-15 have been incorporated in this notice, or will continue if still significant.

### ABBREVIATIONS

#### A through H

ADRIFT - Buoy Adrift  
AICW - Atlantic Intracoastal Waterway  
AI - Alternating  
B - Buoy  
BKW - Breakwater  
bl - Blast  
BNM - Broadcast Notice to Mariner  
bu - Blue  
C - Canadian  
CHAN - Channel  
CGD - Coast Guard District  
C/O - Cut Off  
CONT - Contour  
CRK - Creek  
CONST - Construction  
DAYMK/Daymk - Daymark  
DBN/Dbn - Daybeacon  
DBD/DAYBD - Dayboard  
DEFAC - Defaced  
DEST - Destroyed  
DISCON - Discontinued  
DMGD/DAMGD - Damaged  
ec - eclipse  
EST - Established Aid  
ev - every  
EVAL - Evaluation  
EXT - Extinguished  
F - Fixed  
fl - flash  
Fl - Flashing  
G - Green  
GIWW - Gulf Intracoastal Waterway  
HAZ - Hazard to Navigation  
HBR - Harbor  
HOR - Horizontal Clearance  
HT - Height

#### I through O

I - Interrupted  
ICW - Intracoastal Waterway  
IMCH - Improper Characteristic  
INL - Inlet  
INOP - Not Operating  
INT - Intensity  
ISL - Islet  
Iso - Isophase  
kHz - Kilohertz  
LAT - Latitude  
LB - Lighted Buoy  
LBB - Lighted Bell Buoy  
LHB - Lighted Horn Buoy  
LGB - Lighted Gong Buoy  
LONG - Longitude  
LNM - Local Notice to Mariners  
LT - Light  
LT CONT - Light Continuous  
LTR - Letter  
LWB - Lighted Whistle Buoy  
LWP - Left Watching Properly  
MHz - Megahertz  
MISS/MSNG - Missing  
Mo - Morse Code  
MRASS - Marine Radio Activated Sound Signal  
MSLD - Misleading  
N/C - Not Charted  
NGA - National Geospatial-Intelligence Agency  
NO/NUM - Number  
NOS - National Ocean Service  
NW - Notice Writer  
OBSCU - Obscured  
OBST - Obstruction  
OBSTR - Obstruction  
Oc - Occulting  
ODAS - Anchored Oceanographic Data Buoy

#### P through Z

PRIV - Private Aid  
Q - Quick  
R - Red  
RACON - Radar Transponder Beacon  
Ra ref - Radar reflector  
RBN - Radio Beacon  
REBUILT - Aid Rebuilt  
RECOVERED - Aid Recovered  
RED - Red Buoy  
REFL - Reflective  
RRL - Range Rear Light  
RELIGHTED - Aid Relit  
RELOC - Relocated  
RESET ON STATION - Aid Reset on Station  
RFL - Range Front Light  
RIV - River  
RRASS - Remote Radio Activated Sound Signal  
s - seconds  
SEC - Section  
SHL - Shoaling  
si - silent  
SIG - Signal  
SND - Sound  
SPM - Single Point Mooring Buoy  
SS - Sound Signal  
STA - Station  
STRUCT - Structure  
St M - Statute Mile  
TEMP - Temporary Aid Change  
TMK - Topmark  
TRLB - Temporarily Replaced by Lighted Buoy  
TRLT - Temporarily Replaced by Light  
TRUB - Temporarily Replaced by Unlighted Buoy  
USACE - Army Corps of Engineers  
W - White  
Y - Yellow

Additional Abbreviations Specific to this LNM Edition: None



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## SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

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### SUBMITTING INFORMATION FOR PUBLICATION IN THE LOCAL NOTICE TO MARINERS

A complete set of guidelines with examples and contact information can be found at <http://www.uscg.mil/D11/DP/LnmRequest.asp> or call BM1 Josh Netherton at 510-437-2980 or e-mail [D11LNM@uscg.mil](mailto:D11LNM@uscg.mil). Please provide all Local Notice to Mariners submissions 14 days prior to the start of operations.

### SUBMITTING REGULATORY AND CONCURRENT PROJECT INFORMATION

Information or requests regarding regulatory items or concurrent projects should be directed to the U.S. Coast Guard Eleventh District Waterways Management Branch at [D11waterways@uscg.mil](mailto:D11waterways@uscg.mil).

LNM: 11/15

### BRIDGE INFORMATION-DISCREPANCIES AND CORRECTIONS

For all bridge related issues, including lighting, operation, obstructions, construction, demolition, etc. contact the Eleventh Coast Guard District Bridge Administrator 24 hour cell phone at 510-219-4366. Flotsam may accumulate on and near bridge piers and abutments. Mariners should approach all bridges with caution. A vessel delay at a drawbridge may be reported to the District Bridge Administrator by telephone, or by using the DelayRept0207.pdf included in the Enclosures section of this Local Notice to Mariners.

### DGPS

For information regarding the DGPS system, or to report GPS, DGPS, or AIS problems, mariners are advised to contact: <http://www.navcen.uscg.gov>, email: [nisws@navcen.uscg.gov](mailto:nisws@navcen.uscg.gov), or the USCG Navigation Center at 703-313-5900.

LNM: 37/07

### 2015 U.S. COAST GUARD LIGHT LISTS

The 2015 edition of the U.S. Coast Guard Light Lists are available electronically the USCG Navigation Center's website at <http://www.navcen.uscg.gov/?pageName=lightLists>. The Light List describes aids to navigation, consisting of lights, buoys, daybeacons, sound signals, and electronic aids to navigation in waters of the United States and its possessions. The 2015 edition supersedes the 2014 edition.

Full updates to the electronic editions of these volumes are available at: <http://www.navcen.uscg.gov/?pageName=lightListWeeklyUpdates>

A summary of Light List corrections to the Light List Books are available at: <http://www.navcen.uscg.gov/?pageName=lightListCorrections>.

LNM: 02/15

### FUTURE OF NAVIGATION FEEDBACK WEBSITE

Over the past few decades, rapid development, reliability, and availability of e-Navigation components such as the Global Position System (GPS), Electronic Chart Display and Information Systems (ECDIS) has fundamentally changed mariners' reliance on traditional navigation services. In addition, ability to manage data and information provided to the mariner through Automatic Identification System (AIS), cellular, and other means, has enhanced the interconnectivity between shore side information providers and shipboard users. These technological advances and data flows will help the mariner receive data, transmit data, and generally improve bridge resource management, situational awareness and navigational safety.

Therefore, with the objective of developing a portfolio, the development of which is to provide coordinated and timely delivery of navigational information and services to promote safety and efficiency on the Marine Transportation System (MTS), the U.S. Coast Guard, National Oceanic and Atmospheric Administration, and the U.S. Army Corps of Engineers invite you to share your comments and feedback regarding your requirements for emerging needs for navigational information and service delivery systems in an eNAV environment at:

<https://www.surveymonkey.com/s/21stCenturyWaterways>

Presentations containing the information provided at the Listening Sessions will be made publicly available for review on the website as well.

LNM: 27/14

### MARINE SAFETY INFORMATION BULLETIN

Some vessel operators are choosing to depart the Traffic Separation Scheme (TSS) established in the Santa Barbara Channel and transit through an area to the south of San Miguel, Santa Rosa, and Santa Cruz Islands (referenced herein as "south of the Channel Islands"). As such, the Los Angeles / Long Beach Harbor Safety Committee has published voluntary western traffic lanes for vessels approaching and departing the Ports of Los Angeles and Long Beach. Mariners transiting through the western and northern approaches to and from the Ports of Los Angeles and Long Beach (LA/LB) are advised that the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved routing measure in this area. An IMO approved TSS reduces the risk of



collision by providing for the separation of arriving and departing traffic and minimizing potentially hazardous crossing situations. Mariners, who have traditionally used this approved TSS, are encouraged to continue to do so. For additional information please see MSIB Voluntary Traffic Lane 11-09.pdf in the Enclosures Section.

LNM: 43/09

#### **SAN CLEMENTE ISLAND-RESTRICTED AREAS**

All non-military vessels are reminded that the vicinity of San Clemente Island includes restricted waters that are or can be hazardous at any time because of extremely dangerous naval activities. Non-military waterway users of San Clemente Island should refer to waterway access availability at <https://www.scisland.org/schedules/schedules.php>. The website contains up-to-the-minute information of hazardous conditions and the currently activated Restricted Areas, which limit public access in the eight zones surrounding San Clemente. All users should know that due to the dynamic nature of San Clemente Island operations, all schedules are subject to change. However, Safety Zone Section G [(out 3 nautical miles)(33 CFR 165.1141)] and the Wilson Cove Security Zone [(out 1.5 nautical miles)(33 CFR 165.1131)] are always restricted. For Wilson Cove, mariners can transit (only) outside of the 1.5 nautical mile Security Zone. For Section G, you can contact San Clemente Island on a case-by-case basis for authorization to transit (only) through Section G. Mariners must keep up-to-date with the website, as waterway clearance can change from day to day and mariners must be prepared to change boating plans if directed by U.S. Navy or U.S. Coast Guard personnel. Mariners can sign up for updated Twitter feeds for safety zone changes also, available on the San Clemente Island website.

Violators of the closed waterway zones will be subject to civil penalties up to \$40,000.000 and criminal Class C or D felony violations.

Mariners must monitor VHF-FM Chan. 82A when transiting the area. San Clemente Island's Fleet Area Control and Surveillance Facility (FACSFAC), called KRAKEN watch floor, can be reached by marine VHF radio (82A) via call sign STONEHENGE or by phone at 619-545-4752 Mon-Fri from 0700 to 1900 (1600 on Fridays). STONEHENGE is the newly established on-island Range Control Department that assists FACSFAC. FACSFAC San Diego watch floor, call sign BEAVER, supports KRAKEN watch duties at night and on weekends. KRAKEN (via calling STONEHENGE or BEAVER can authorize vessel traffic through Section G of the Safety Zone, on a case-by-case basis. If a Section of the island on the website is green, there is no need to gain permission to anchor, fish, or use that portion of the waterway.

See Maritime Safety and Security Bulletin MSSB 004-14.pdf in the Enclosures section for more details.

Charts: 18762 18763 18764

LNM: 34/14

#### **SAN FRANCISCO BAY-AIS BROADCAST**

The Coast Guard is broadcasting NOAA PORTS meteorological and hydrographic data via AIS in the San Francisco Bay. The PORTS data is currently being broadcast as AIS MSG 8, DAC-001, FI=11 (details on message format at <http://www.e-navigation.nl/asm>). In 2015, the broadcast format will change. An announcement will be made with the details of the new format in advance of the change. Please contact CDR Amy Wirts at 415-399-7401 or Amy.E.Wirts@uscg.mil with questions about this service.

Chart 18649

LNM: 11/14

#### **TEMPORARY SAFETY GUIDELINES FOR NAVIGATING IN REDUCED VISIBILITY**

In response to the allision of the T/V OVERSEAS REYMAR with Pier E of the San Francisco-Oakland Bay Bridge, the Coast Guard Captain of the Port of San Francisco and the Harbor Safety Committee have established temporary safety guidelines for navigating in reduced visibility.

The temporary guidelines apply to all vessels 1600 gross tons or greater, tugs with tows 1600 gross tons or greater, and all tugs with tows in petroleum service. Nothing in the guidelines should preclude vessel Master, Pilots and operators from taking proactive measures to ensure the safety of their vessel at all times.

Implementation of these guidelines will be monitored by the Coast Guard Vessel Traffic Service. These guidelines will remain in place until the Navigation work group's comprehensive review of the Harbor Safety Committee Guidelines for Navigating in Reduced Visibility is complete. See enclosure section for guidelines TempReducedVis.pdf

LNM: 08/13

#### **U.S. COAST GUARD NAVIGATION RULES**

Changes to the U.S. Coast Guard August 2014 Navigation Rules and Regulations Handbook are now available. See NAVRULESCorrectionsLNM in the enclosure section for more details.

LNM: 46/14

#### **U.S. COAST GUARD TO TEST AUTOMATIC IDENTIFICATION SYSTEM (AIS) AIDS TO NAVIGATION (ATON)**

The U.S. Coast Guard and other authorized agencies and organizations (i.e., U.S. Army Corps of Engineers, Marine Exchange of Alaska) have begun transmitting AIS ATON messages and marine safety information via AIS for testing and evaluation. The exact content, location, and times of these broadcasts will be announced in future Local Notices to Mariners. See enclosure AIS ATON Announcement.pdf for more details.

LNM: 04/14



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## SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

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### DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1	Dart Tsunami Warning Lighted Buoy Station 46412	OFF STA	18022	0407-13	37/13	
5	Point Loma Light	REDUCED INT	18773		52/14	
230	Westdahl Rock Lighted Bell Buoy 1	SINKING	18704	LA-0146-14	47/14	
365	Mile Rocks Light	LT EXT	18649	0585-13	52/13	
365	Mile Rocks Light	SS INOP	18649	SF-0096-14	25/14	
510	NOAA Environmental Lighted Buoy 46006	ADRIFT	501	0013-13	02/13	
2805	Anaheim Bay East Jetty Light 6	TRLB/STRUCT DEST	18749	LA-0108-14	35/14	
4245	Mile Rocks Light	LT EXT	18649	0585-13	52/13	
4245	Mile Rocks Light	SS INOP	18649	SF-0096-14	25/14	
6165	Napa River Light 8	MISSING/TRLB	18654	SF-0123-14	34/14	
6325	Suisun Bay North Channel Light 2	TRLB/STRUCT DMGD	18657	SF-0004-14	01/14	
6557	Suisun Bay Channel Light 24A	TRLB/STRUCT DEST	18666	0389-13	35/13	
6630	New York Slough Light 7	TRLB/STRUCT DMGD	18659	0468-13	42/13	
6645	New York Slough Light 11	TRLB/STRUCT DEST	18659	SF-0014-14	02/14	
6855	San Joaquin River Light 46	TRLB/STRUCT DMGD	18660	0351-13	32/13	
7105	Stockton Channel Range H Rear Light	LT IMCH	18663	0236-13	21/13	
7510	Sacramento River Deep Water Ship Channel Light 67	TRLB/DAYMK MISSING	18662	0565-13	50/13	
7765	Bodega Harbor Approach Lighted Gong Buoy BA	TMK MISSING	18643	NONE	07/15	
7885	Bodega Harbor Channel Daybeacon 22	TRUB/STRUCT DEST	18643	0669-12	01/13	
8320	Hookton Channel Light 8	TRLB/STRUCT DEST	18622	HB-0036-14	47/14	
	<b>Sausalito Coast Guard Mooring Buoy 1</b>	<b>SINKING</b>	<b>18650</b>	<b>SF-0057-15</b>	<b>13/15</b>	

### DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
3645	Channel Islands Harbor North Jetty Light 3	WATCHING PROPERLY	18725	LA-0050-15	12/15	13/15
4385	Sausalito Channel Light 2	WATCHING PROPERLY	18650	SF-0054-15	13/15	13/15
4450	Pier D North Buoy	WATCHING PROPERLY	18650	SF-0059-15	13/15	13/15

### DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2867	Long Beach Harbor Manson Lighted Mooring Buoy M-2	SINKING	18751		09/15	
4300	San Francisco West Yacht Harbor Light 2	DAYMK IMCH	18650	NONE	11/15	
4938	Point Avisadero Light	LT IMCH	18650	NONE	11/15	
6285	Benicia-Martinez Highway Bridge Main Channel Fog Signal	SS INOP		SF-0035-15	07/15	
6290	Benicia-Martinez Highway Bridge Secondary Channel Fog Signal	SS INOP		SF-0035-15	07/15	

### DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

### PLATFORM DISCREPANCIES



Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
196	NOAA Environmental Lighted Buoy 46053	DISCONTINUED	18721	LA-0166-14	50/14	
382	NOAA Environmental Lighted Buoy 46059	DISCONTINUED	18007		22/12	
448	Dart Tsunami Warning Lighted Buoy Station 46411	DISCONTINUED	18010	HB-0001-15	01/15	
562	NOAA Environmental Lighted Buoy 46027	DISCONTINUED	18603	HB-0038-14	50/14	
8135	Humboldt Bay Lighted Bell Buoy 2	RELOCATED FOR DREDGING	18622	HB-0012-14	17/14	

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None



## SECTION IV - CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only.

It is up to the mariner to decide which chart(s) are to be corrected. The following example explains individual elements of a typical chart correction.

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97
Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER						
Main Panel 2245 NEW YORK HARBOR					CGD01	
(Temp)	ADD	NATIONAL DOCK CHANNEL BUOY 3			at 40-41-09.001N	074-02-48.001W
		Green can				
Corrective Action		Object of Corrective Action			Position	

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true.

Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

<b>18020</b>	<b>39th Ed.</b>	<b>01-JAN-12</b>	<b>Last LNM: 12/10</b>	<b>NAD 83</b>		<b>13/15</b>
<i>ChartTitle: San Diego to Cape Mendocino</i>						
<b>Main Panel 1654 SAN DIEGO TO CAPE MENDOCINO. Page/Side: N/A</b>						
	CHANGE	Los Angeles Light Characteristic to Fl G 15s 73ft 14M HORN			CGD11 at 33-42-30.798N	118-15-05.934W
<b>18022</b>	<b>36th Ed.</b>	<b>01-JUN-11</b>	<b>Last LNM: 12/10</b>	<b>NAD 83</b>		<b>13/15</b>
<i>ChartTitle: San Diego to San Francisco Bay</i>						
<b>Main Panel 1655 SAN DIEGO TO SAN FRANCISCO BAY. Page/Side: N/A</b>						
	CHANGE	Los Angeles Light Characteristic to Fl G 15s 73ft 14M HORN			CGD11 at 33-42-30.798N	118-15-05.934W
<b>18740</b>	<b>44th Ed.</b>	<b>01-JUL-13</b>	<b>Last LNM: 18/12</b>	<b>NAD 83</b>		<b>13/15</b>
<i>ChartTitle: San Diego to Santa Rosa Island</i>						
<b>Main Panel 1893 SAN DIEGO TO SANTA ROSA ISLAND. Page/Side: N/A</b>						
	CHANGE	Los Angeles Light Characteristic to Fl G 15s 73ft 14M HORN			CGD11 at 33-42-30.798N	118-15-05.934W
<b>18746</b>	<b>39th Ed.</b>	<b>01-JUN-13</b>	<b>Last LNM: 18/12</b>	<b>NAD 83</b>		<b>13/15</b>
<i>ChartTitle: San Pedro Channel; Dana Point Harbor</i>						
<b>Main Panel 1897 SAN PEDRO CHANNEL. Page/Side: N/A</b>						
	CHANGE	Los Angeles Light Characteristic to Fl G 15s 73ft 14M HORN			CGD11 at 33-42-30.798N	118-15-05.934W
<b>18749</b>	<b>43rd Ed.</b>	<b>01-APR-10</b>	<b>Last LNM: 21/09</b>	<b>NAD 83</b>		<b>13/15</b>
<i>ChartTitle: San Pedro Bay; Anaheim Bay Huntington Harbor</i>						
<b>Main Panel 1902 SAN PEDRO BAY. Page/Side: N/A</b>						
	CHANGE	Los Angeles Light Characteristic to Fl G 15s 73ft 14M HORN			CGD11 at 33-42-30.798N	118-15-05.934W
<b>18751</b>	<b>46th Ed.</b>	<b>01-AUG-09</b>	<b>Last LNM: 21/09</b>	<b>NAD 83</b>		<b>13/15</b>
<i>ChartTitle: Los Angeles and Long Beach Harbors</i>						
<b>Main Panel 1904 LOS ANGELES AND LONG BEACH HARBORS. Page/Side: N/A</b>						
	CHANGE	Los Angeles Light Characteristic to Fl G 15s 73ft 14M HORN			CGD11 at 33-42-30.798N	118-15-05.934W



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## SECTION V - ADVANCE NOTICES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

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### SUMMARY OF ADVANCED APPROVED PROJECTS

Approved Project(s)

None

Project Date

Ref. LNM

Advance Notice(s)

#### **HALF MOON BAY-PILLAR POINT HARBOR-LED CONVERSION**

The U.S. Coast Guard is planning to change Pillar Point Harbor Approach Lighted Buoy PP (LLNR 330) to an LED with a 4nm range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18010 18645 18680 18682

LNM: 07/15

#### **LA/LB-POINT CONCEPTION-LED CONVERSION**

The U.S. Coast Guard is planning to change Point Conception Light (LLNR 200) to an LED with a 14nm nominal range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Chart 18720

LNM: 06/15

#### **MONTEREY BAY-MOSS LANDING HARBOR-LED CONVERSION**

The U.S. Coast Guard is planning to change Moss Landing Harbor Entrance Lighted Bell Buoy MLA (LLNR 3990) to an LED with a 4nm range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18680 18685

LNM: 07/15

#### **PIGEON POINT-LED CONVERSION**

The U.S. Coast Guard is planning to change Pigeon Point Light (LLNR 320) to an LED with a 14nm nominal range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 501 530 18010 18020 18680

LNM: 17/14

#### **PILLAR POINT-LED CONVERSION**

The U.S. Coast Guard is planning to change Pillar Point Harbor Entrance Light (LLNR 4145) to an LED with a 9nm nominal range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18645 18680 18682

LNM: 19/14

#### **POINT ARENA-LED CONVERSION**

The U.S. Coast Guard is planning to change Point Arena Light (LLNR 420) to an LED with a 14nm range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 501 530 18007 18010 18620 18640

LNM: 03/15

#### **SACRAMENTO RIVER-ATON DISCONTINUANCE**

The U.S. Coast Guard is planning to discontinue Sacramento River Deep Water Ship Channel Light 67 (LLNR 7510). Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Chart 18662

LNM: 33/14

#### **SAN DIEGO-MARINER RADIO ACTIVATED SOUND SIGNALS**

The U.S. Coast Guard is planning to install a Mariner Radio Activated Sound Signal (MRASS) devices on Ballast Point Light B (LLNR 1570), San Diego Bay Entrance Range Front Light (LLNR 1500) and San Diego Bay Pier B Sound Signal (LLNR 1800). This device will allow the mariner to activate the installed sound signal by keying on a VHF-FM radio microphone five times at the designated frequency for the AtoN (81A). Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18765 18772 18773

LNM: 03/15

#### **SAN FRANCISCO BAY-LED CONVERSION**

The U.S. Coast Guard is planning to change San Francisco Approach Lighted Whistle Buoy SF (LLNR 360) to an LED with a 4nm range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18007 18020 18022 18640 18645 18649

LNM: 07/15

#### **SAN FRANCISCO BAY-MARINER RADIO ACTIVATED SOUND SIGNALS**

The U.S. Coast Guard is planning to install a Mariner Radio Activated Sound Signal (MRASS) devices on Point Bonita Light (LLNR 370) and Alcatraz North Fog Signal (LLNR 4325). This device will allow the mariner to activate the installed sound signal by keying on a VHF-FM radio microphone five times at the designated frequency for the AtoN. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.



**SAN LUIS OBISPO-LED CONVERSION**

The U.S. Coast Guard is planning to change San Luis Obispo Light (LLNR 225) to an LED with a 14nm nominal range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 501 530 18020 18022 18700 18703 18704

LNM: 18/14

**SECTION VI - PROPOSED CHANGES**

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office unless otherwise noted (see banner page for address).

**PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT**

<u>Proposed Project(s)</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
None			

**Proposed Change Notice(s)****SAN FRANCISCO BAY-CARQUINEZ STRAIGHT-ATON DISCONTINUANCE**

The U.S. Coast Guard is proposing to discontinue Carquinez Light 22 (LLNR 6235). Direct any questions, comments, or feedback no later than 03 Apr 15 to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18652 18656 18657

LNM: 09/15

**SAN FRANCISCO-LED CONVERSION**

The U.S. Coast Guard is proposing to change San Francisco Bay North Channel Lighted Buoy A (LLNR 5410) to an LED with a 4nm range. Direct any questions, comments, or feedback no later than 01 May 15 to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18649 18652

LNM: 13/15

**SECTION VII - GENERAL**

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

**ARIZONA-LITTLEFIELD-VIRGIN RIVER-BRIDGE**

I-15 VIRGIN RIVER BRIDGE- ADOT has constructed temporary bridge and access trestles for use during bridge construction and heavy lift operations over the channel. The trestles are located upstream of Beaver Dam, Mohave County, AZ at approximately 36-55-43N 113-49-50W. Waterway users must portage around the construction site as directed by signage installed upstream and downstream of the site. Work will be in progress through July 2016. See Virgin\_River\_Bridge.pdf in the enclosures section for detailed construction site diagram.

LNM: 23/14

**BODEGA BAY-MARINE EVENT**

Bodega Bay Fishermans Festival will sponsor a boat parade in Bodega Bay from 0700-1200, 12 Apr 15. Approximately 200 participants will parade in through Inner and Outer Harbors. Mariners are requested to transit the area with caution. For more details or comments contact MST1 J. Clark at 415-399-7440 or Brooks Rooney at 916-769-9230.

Chart 18643

LNM: 13/15

**CALIFORNIA COAST-WHALES**

Mariners are advised that groups of gray whales are traveling near the coast from November to June as part of their annual migration. Mariners should keep a sharp lookout and exercise caution as approximately 19,000 animals migrate along the coast during this period.

NOAA is asking for the public's help in tracking whales. If you see whales, record the date and location, number of whales, species (if known) and a description of the animals. Please email the information to whales@noaa.gov.

Please report collisions with whales, any observed injured whales, or dead whales to NOAA at 877-SOS-WHALE (877-767-9425) or to the U.S. Coast Guard on VHF-FM Chan. 16.

Whales are federally protected under the Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.).

Charts: 18007 18022

LNM: 49/14

**CARQUINEZ STRAIT-BENICIA-SHOALING**

Shoaling has been reported in Carquinez Strait / Port of Benicia in vicinity of Lighted Buoy 25 and General Anchorage 22. NOAA survey indicates that charted shoaling is moving in a southeasterly direction (see enclosure Carquinez Strait Shoaling.pdf). Mariners are requested to transit the



#### **CARQUINEZ STRAIT-BENICIA-SHOALING**

area with caution. For more details or comments contact USCG Sector San Francisco Waterways Management at 415-399-7443.

Chart 18657

LNM: 01/14

#### **DELTA & RIVERS-BARRIER CONSTRUCTION**

The California Department of Water Resources has commenced the installation of four temporary in water barriers at Old River near Tracy, Middle River, Grant Line Canal, and the head of Old River. Construction for each barrier will be completed on or around the dates listed below:

Old River near Tracy 08 Apr 15 37-48-37N 121-32-35W

Middle River 03 Apr 15 37-53-08N 121-28-56W

Head of Old River 08 Apr 15 37-48-30N 121-19-42W

Grant Line Canal 15 Apr 15 37-49-11N 121-26-55W

Only a small aluminum boat will be used on site for day-to-day operations. Mariners are requested to transit the area with caution. For more details or comments contact Jacob McQuirk 916-653-9883.

Chart 18661

LNM: 11/15

#### **DELTA & RIVERS-BISHOP CUT-BRIDGE**

EIGHT MILE ROAD DRAWBRIDGE- Secured closed to navigation due to mechanical failure. Estimated time of repair is unknown. The bridge provides 6ft vertical clearance above mean high water when closed. For more details or comments, contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18663

LNM: 07/15

#### **DELTA & RIVERS-MOKELUMNE RIVER-BRIDGE**

HIGHWAY 12 DRAWBRIDGE- The drawspan will be secured in the closed-to-navigation position until 2200, 29 May 15 due to bridge deck replacement and rehabilitation of the bridge control house. The bridge provides 7ft vertical clearance above Mean High Water in the closed position. Vessels that can transit through the bridge in the closed position may continue to do so at any time. Little Potato Slough can be used an alternate route for vessels unable to pass through the bridge. For more details or comments contact the Coast Guard Project Manager at 510-437-3461.

Chart 18661

LNM: 07/15

#### **DELTA & RIVERS-SACRAMENTO DWSC-OBSTRUCTION TO NAVIGATION**

An uncharted submerged object has been reported in the Sacramento Deep Water Shipping Channel, approximately 240ft south of the Chevron BAPL pipeline crossing near Lights 73 and 74. The object was detected by sonar in the center of the channel at 38-30-17.4N 121-35-04.2W. Observed dimensions are 6ft x 22ft, standing 7ft tall from the bottom. Mariners are requested to transit the area with caution and to report any observed abnormal water depths to San Francisco VTS on VHF-FM Chan. 14.

Chart 18662

LNM: 37/14

#### **DELTA & RIVERS-SAN JOAQUIN RIVER-BRIDGE**

I-120 HIGHWAY BRIDGE SOUTH (Near Mossdale, CA)- Containment installed on the western half of the bridge reduces the vertical clearance by 3ft and is lighted at night with red lights.

Chart 18661

LNM: 21/14

#### **DELTA & RIVERS-SNODGRASS SLOUGH-BRIDGE**

TWIN CITIES ROAD DRAWBRIDGE- Secured closed-to-navigation due to damage from land traffic. The bridge provides approximately 17ft vertical clearance above Mean High Water when closed. ETR is unknown. For more details or comments contact the District Bridge Administrator at 510-437-3516.

Chart 18662

LNM: 37/14

#### **ESTERO BAY-CAYUCOS-MARINE CONSTRUCTION**

Associated Pacific Constructors Inc. will conduct marine construction at the Cayucos Pier in Cayucos, CA until December 2015. The project will consist of rehabilitation of the pier pilings, bracing, and decking. Mariners are requested to transit the area with caution. For more details or comments contact Mark Niggle at 805-234-2925.

Chart 18703

LNM: 39/14

#### **HUMBOLDT BAY-WATERWAY SURVEY ANNOUNCEMENT**

The U.S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) study of Humboldt Bay. The study focuses on the area's aids to navigation, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routing and emergency communication capabilities, and future development projects. Any interested company or individual wishing to provide recommendations on existing or additional aids to navigation in this area, participate in a user survey, or receive further information should contact Sector Humboldt Bay Waterways Department, BOSN Curtis Barthel at 707-839-6589 or Curtis.J.Barthel@uscg.mil prior to 25 Jun 15.

Chart 18622

LNM: 12/15

#### **LONG BEACH-ALAMITOS BAY-BRIDGE LIGHTING**

The Marina Pacifica Footbridge north side center span green light in Los Cerritos Channel at 33-45-48N 118-06-54W is extinguished. For more details or comments contact the Coast Guard Project Manager at 510-437-3514.

Chart 18749

LNM: 12/15

#### **LONG BEACH-ANAHEIM BAY-ATON CONSTRUCTION**



#### **LONG BEACH-ANAHEIM BAY-ATON CONSTRUCTION**

R.E. Staite Engineering Inc. will conduct marine construction operations in the vicinity of the Seal Beach Naval Weapons Station until approximately 31 May 15. The work will consist of rebuilding Anaheim Bay Channel Light 9 and Light 10 (LLNR 2820/ 2825). Derrick barges RES 180, and support tug ALAN G will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and minimize wake in vicinity of the construction site. For more details or comments contact Project Manager Randahl Hagen at 619-233-0178.

Chart 18749

LNM: 13/15

#### **LONG BEACH-ANAHEIM BAY-TEMPORARY BUOY**

The U.S. Coast Guard has established a temporary lighted buoy at 33-43-33.809N 118-06-02.318W to mark the end of the damaged Anaheim Bay East Jetty. The buoy displays a FL Red 2.5s characteristic. It will be discontinued when Anaheim Bay East Jetty Light 6 (LLNR 2805) is reestablished. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Chart 18749

LNM: 48/14

#### **LONG BEACH-CERRITOS CHANNEL-BRIDGE**

REPLACEMENT SCHUYLER HEIM BRIDGE CONSTRUCTION- Utilizing cranes from the trestles, temporary falsework is being removed from the completed northbound portion of the bridge. Caltrans' contractor will temporarily halt vessel traffic when falsework is being hoisted over the water. Once the falsework is removed, the span between the temporary trestles will provide 75ft of horizontal clearance and 50ft of vertical clearance from MHW to the lowest hittable portion of the replacement structure. Two temporary eastern trestles are in place for construction of the replacement bridge. The temporary trestles will be lighted at night with steady burning red lights (See trestle/falsework lighting diagram enclosure at the end of this notice). Portions of the eastern fenders on the existing bridge have been removed. The western portions of the fenders remain in place. Construction activities will take place from 0700 to 1530, Mon-Fri until May 2017. For conditions at the bridge mariners can contact Caltrans at 213-792-5518, MCM Construction at 714-305-2725, or MCM Construction at 714-330-5370. Mariners are requested to transit the area with caution. See Heim\_FalseworkTrestleBargeLighting.pdf and HEIM fenderpierlightingplan.pdf. in the enclosure section for more details.

Chart 18749

LNM: 10/15

#### **LONG BEACH-MARINE CONSTRUCTION**

Connolly Pacific Co. will conduct marine construction operations in the Port of Long Beach at Berth F202 until 15 Apr 15. Project work includes installation of five new piles and four new timber floating docks to existing fireboat dock. Derrick barge LONG BEACH (DBLB) along with tugs LARCONA, PATCONA, and DURANGO will be on site monitoring VHF-FM Chan. 16 and 80. There will be 2 anchors out in the channel. See Fireboat15.pdf in the enclosure section for a diagram of the anchor layout. The anchors will be marked with floating cans. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the work site. For more details or comments contact Ron Allard at 562-577-0814.

Chart 18751

LNM: 09/15

#### **LONG BEACH-MIDDLE HARBOR-DEMOLITION**

As part of the Middle Harbor Pier E Slip 1 Fill and D28 Demolition project, Manson Connolly Joint Venture (MCJV) has constructed an underwater containment dike in the East Basin of Middle Harbor at the Port of Long Beach. This dike is marked by two 5ft diameter yellow buoys placed approximately 200ft off of the centerline of the dike in 42.5ft of water. The dike will remain in place until further notice. See Long Beach Containment Dike.pdf in the enclosures section for a detailed diagram of dike layout. For more details or comments contact Project manager Randy Maddox at 206-303-7186.

Chart 18751

LNM: 40/14

#### **LOS ANGELES-LOS ANGELES RIVER ESTUARY-DREDGING**

Curtin Maritime Corp will conduct dredging operations in the Los Angeles River Estuary until 17 Apr 15. Dredging operations will be conducted 24/7 from the entrance of the Los Angeles River's navigational channel to the Catalina Express Terminal entrance. Clamshell Dredge DB 185-3; scows LONG PT and ARROW PT; along with tugs SARAH-C, TAURUS, and BOB will monitor VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution, minimize wake, and make arrangements with dredge vessels prior to passing. For more details or comments contact Rob Adair at 951-287-8488 or Steve Chew at 562-666-6971.

Chart 18751

LNM: 47/14

#### **LOWER COLORADO RIVER-LAKE HAVASU-MARINE EVENT**

RPM Racing Enterprise will sponsor a Lake Havasu Personal Water Craft (PWC) race event in the navigable waters of the lower Colorado River, in the vicinity of Windsor Park from 0600-1800 daily, 10-12 Apr 15. Approximately 100 personal water craft will participate. Mariners are requested to avoid the race course and transit the nearby area with caution. For more details or comments contact Ross Wallach at 310-318-4012.

LNM: 13/15

#### **LOWER COLORADO RIVER-LAKE HAVASU-MARINE EVENT**

Lucas Oil Drag Boat Racing Series is sponsoring a drag boat racing event from 0700-1900, 10-12 Apr 15 in the navigable waters of the Colorado River in the vicinity of Blue Water Resort. Mariners are requested to avoid the race course and transit the nearby area with caution. For more details or comments contact Mr. Ken Dollar at 951-870-6381.

LNM: 13/15

#### **NEWPORT BAY-DREDGING**

Associated Pacific Constructors Inc. will conduct dredging operations in the Linda Isle residential area in Newport Bay from 05 Apr 15 through 10 May 15. The excavator barge MERI, tug AMERICAN SPIRIT, and assistant vessel BREE TESSA will monitor VHF-FM Chan. 14, 16, and 80A. A temporary mooring area will be established just north of the entrance channel with anchors at 33-36-41.5N 117-54-23.5W and 33-36-39.3N 117-



#### **NEWPORT BAY-DREDGING**

54-24.3W. Mooring anchors will be marked with 30in white lighted buoys; moored vessels will be lighted with flashing yellow lights at each end. Dredged material will be disposed of at disposal area LA-3 at 33-31-00N 117-53-30W. Mariners are requested to transit the area with caution. For more details or comments contact Paul Gillen at 805-234-5055 or paul@associatedpacific.com.

Chart 18754

LNM: 12/15

#### **NEWPORT BEACH TO SAN DIEGO-MARINE EVENT**

Newport Ocean Sailing Association will sponsor the 2015 Newport to Ensenada Yacht Race on 24-26 Apr 15. There will be up to 225 sailboats 30-80ft in length participating along with up to eight safety vessels. The special local regulation for the start area pursuant to 33 CFR 100.1104 will be enforced between the hours of 1000-1300 on 24 Apr 15. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. The race starts at 1100 near Balboa Pier in Newport Beach, the Transpac class will leave San Clemente Island to port, all other classes will remain within 20nm of shore, and all will finish at Hotel Coral Marina in Ensenada, MX. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Chart 18740

LNM: 18740

#### **PETALUMA RIVER-BRIDGE**

HAYSTACK LANDING RAILROAD BRIDGE REPLACEMENT PROJECT- Construction continues on the replacement bridge project. At this time there will be no work that will encroach on the navigational channel of the Petaluma River. For more details or comments contact the Coast Guard Bridge Office Project Manager at 510-437-3515. For information on on-site work mariners can contact the Sonoma Marin Area Rail Transit District at 415-717-2547.

Chart 18654

LNM: 34/14

#### **PETALUMA RIVER-BRIDGE**

U.S. 101 BRIDGE REPLACEMENT PROJECT-Construction of the replacement bridge continues Mon-Fri during daylight hours, and should be completed by February 2016. Caltrans has installed cofferdams behind the existing pier protection to facilitate substructure construction. The southeast cofferdam encroaches approximately 1ft into the navigation channel. The southeast and northwest cofferdams protrude upstream and downstream of the existing pier protection and the corners are lighted at night with fixed red lights (see enclosure CofferdamLighting\_US101\_Petaluma.pdf at the end of this notice). For more details or comments please contact the Coast Guard Project Manager at 510-437-3515.

Chart 18654

LNM: 26/13

#### **SAN DIEGO BAY-BRIDGE**

CORONADO BRIDGE- Scaffolding installed at Span 14-15, west of the west main navigational channel, reduces the vertical clearance by not more than 9ft and is lighted at night with red lights.

Chart 18773

LNM: 21/14

#### **SAN DIEGO-CARLSBAD-DREDGING**

Camenzind Dredging Inc. will be conducting continuous maintenance dredging of Agua Hedionda Outer Lagoon in Carlsbad, CA at 33-08-42N 117-20-30W until 15 May 15. Dredging will be accomplished utilizing a hydraulic suction dredge and floating-submerged pipeline which will pass through the Outer Basin, passing under Carlsbad Blvd. to the beach replenishment at North, Middle, and South Carlsbad State Beaches. Dredge PAUL VINCENT and work skiff FESTER will be on site monitoring VHF-FM Chan. 16 and 67. The pipeline will extend from barge to shore, marked continuously, with yellow floats. Anchors will be marked with white buoys. Operations will remain continuous for the duration of the project. Mariners are requested to remain clear of the pipeline and contact PAUL VINCENT prior to passing. For more details or comments contact Project Manager Kurt Camenzind at 650-424-0367.

Chart 18774

LNM: 44/14

#### **SAN DIEGO-HAZARDOUS OPERATIONS**

The U.S. Navy will conduct continuous hazardous operations from 0001-2359 daily until 30 Apr 15, in an area bound by the following coordinates:

32-35-00N 118-16-00W

32-35-00N 117-40-00W

31-55-00N 117-40-00W

31-55-00N 118-25-00W

32-33-00N 118-25-00W

Mariners are requested to transit the area with caution. For more details or comments contact FACSAC schedules at 619-545-1757.

Charts: 18740 18762

LNM: 12/15

#### **SAN DIEGO-LA JOLLA-RESEARCH BUOY ARRAY**

Scripps Institution of Oceanography has deployed an array of research buoys off of Point La Jolla. There are six white spheres and six green cylinders, all submerged to depths varying from 18 inches to 16ft. The array is located within an area marked by yellow, radar reflective surface buoys lighted with a FI Y 4s characteristic. The surface buoys are located at the following positions:

32-52-54.08N 117-16-09.61W

32-52-52.06N 117-16-14.85W

32-52-39.50N 117-16-20.48W

32-52-28.20N 117-16-08.06W

32-52-30.37N 117-16-02.32W

32-52-43.63N 117-16-01.82W

Four orange 27in polyurethane fender buoys have also been placed near the northern and southern ends of the array at the following positions:

32-52-24.31N 117-16-07.34W



#### **SAN DIEGO-LA JOLLA-RESEARCH BUOY ARRAY**

32-52-25.77N 117-16-01.97W  
32-52-59.01N 117-16-17.37W  
32-53-00.51N 117-16-11.20W

The buoys will remain on scene until further notice. Mariners are requested to remain clear of the array and transit the nearby area with caution. For more details or comments contact Lisa Hazard at 858-822-2873.

Chart 18740

LNM: 06/15

#### **SAN DIEGO-MARINE CONSTRUCTION**

The U.S. Navy will be conducting construction and dive operations to repair the Seaplane boat ramp on NAS North Island at 32-42-52N 117-12-9W until 01 May 15. The project will consist of repairing piles, beams, and decking on the ramp as well as removing the wing docks. A crane barge will be on site as part of this operation. The 7m RHIB vessel TWISTER will be on site monitoring VHF-FM Chan. 6. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the project site. For more details or comments contact Petty Officer Chris Farmer at 801-671-7469 or Chief Jason Cortez at 805-794-1813.

Chart 18773

LNM: 09/15

#### **SAN DIEGO-MARINE CONSTRUCTION**

R.E. Staite Engineering Inc. will conduct marine construction operations at the Shelter Island Boat Yard until 31 Jul 15. The work will consist of a crane replacement and pier addition at 32-43-08.9N 117-13-27.7W. Derrick barges DB PALOMAR, RES 150, and support tug KILEEN will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and minimize wake in vicinity of the construction site. For more details or comments contact Project Manager Randahl Hagen at 619-233-0178.

Chart 18773

LNM: 11/15

#### **SAN DIEGO-MARINE CONSTRUCTION**

Nova-Shimmick JV will conduct pile driving operations and marine construction at the San Diego Bay naval fuel pier at 32-42-04N 117-14-08W until 15 May 15. Crane barge BMC-32, support barge SEAHORSE, support tug LINDA M. and survey vessel TONY N will be on site monitoring VHF-FM Chan. 16 and 66. BMC-32 may be on anchors marked by white crown bouys. Anchors will not be placed in the main channel. Mariners are requested to transit the area with caution and minimize wake in vicinity of the work site. For more details or comments contact Craig Haverstick at 619-571-4178.

Chart 18773

LNM: 10/15

#### **SAN DIEGO-MARINE CONSTRUCTION**

Sunroad Enterprises will be conducting shoreside construction on the south east end of Harbor Island until approximately June 2015. The project involves the reconstruction of the Reuben E. Lee Restaurant to include a paved public walk area that will overhang 6ft into the waterway. A new permanently moored floating venue space / barge is being constructed at a South San Diego Ship Yard and will be towed to the project location upon completion. The four gangways that provide access to the RUEBEN E. LEE will also be replaced with two new gangways. Mariners are requested to transit the area with caution. For more details or comments contact Craig Bachmann at 858-357-6452.

Chart 18773

LNM: 50/14

#### **SAN DIEGO-OFFSHORE-ROV OPERATIONS**

Liquid Robotics, Inc. ([www.liquidr.com](http://www.liquidr.com)) will conduct continuous, unmanned maritime vehicle data collection operations in the vicinity of 32-39-00N 117-32-30W until approximately 02 Jun 15. The Wave Glider is designed to conduct scientific data collection operations. It carries no fuel, lubricants, or hydrocarbons. It is wave powered, remotely attended from our Wave Glider Operations Center (WGOC), moving at speeds of around 1kt, and designed to give way or part if encountered by a vessel. The vehicle is approximately 7ft x 2ft (surfboard size), yellow in color, with a contact plaque and mast extending 1 meter above the water surface supporting a flag. Mariners are requested to transit the area with caution. For more details or comments contact Liquid Robotics 24/7 WGOC Operations Center at 888-574-4574, 408-636-4205, or email [support@liquidr.com](mailto:support@liquidr.com) with your inquiries.

Chart 18765

LNM: 07/15

#### **SAN DIEGO-ROV OPERATIONS**

Liquid Robotics, Inc. ([www.liquidr.com](http://www.liquidr.com)) in conjunction with Monterey Bay Aquarium Research Institute will conduct continuous, unmanned maritime vehicle data collection operations until 27 Apr 15. The Wave Glider will operate in the vicinity of 32-39-00N 117-34-00W. The Wave Glider is designed to conduct scientific data collection operations. It carries no fuel, lubricants, or hydrocarbons. It is wave powered, remotely attended from our Wave Glider Operations Center (WGOC), moving at speeds of around 1kt, and designed to give way or part if encountered by a vessel. The vehicle is approximately 7ft x 2ft (surfboard size), yellow in color, with a contact plaque and mast extending 1 meter above the water surface supporting a flag. Mariners are requested to transit the area with caution. For more details or comments contact Liquid Robotics 24/7 WGOC Operations Center at 888-574-4574, 408-636-4205, or email [support@liquidr.com](mailto:support@liquidr.com) with your inquiries.

Chart 18765

LNM: 49/14

#### **SAN FRANCISCO BAY-CARQUINEZ STRAIT-BRIDGE**

BENICIA/MARTINEZ I-680 HIGHWAY BRIDGE- A 160ft wide paint scaffolding has been installed below low steel of the downstream Benicia/Martinez I-680 highway bridge, in the second over water span from the north bank, at approximate position 38-02-57N 122-07-38W. The scaffolding reduces vertical clearance by approximately 4ft and will be lighted at night with red lights. For more details contact the District Bridge Administrator at 510-437-3516.

Chart 18656

LNM: 09/14

#### **SAN FRANCISCO BAY-ISLAIS CREEK CHANNEL-MARINE CONSTRUCTION**



#### **SAN FRANCISCO BAY-ISLAIS CREEK CHANNEL-MARINE CONSTRUCTION**

Dutra will conduct pile driving and concrete work on the south side of Islais Creek between the Illinois St. Bridge and the Third St. Bridge during daylight hours until April 2016. Crane barge KELSO will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Valerie Daley at 415-686-9417.

Chart 18650

LNLM: 48/14

#### **SAN FRANCISCO BAY-ISLAIS CREEK-BRIDGE**

THIRD STREET DRAWBRIDGE- The drawspan is secured in the closed-to-navigation position due to mechanical failure. The bridge provides 4ft vertical clearance above Mean High Water when closed. Vessels that can safely transit the bridge while in the closed position may continue to do so at any time.

Chart 18650

LNLM: 17/14

#### **SAN FRANCISCO BAY-MARINE EVENT**

South End Rowing Club will sponsor a swimming event in San Francisco Bay from 0830-1045, 11 Apr 15. Approximately 30 participants will swim from AT&T Park to Aquatic Park with 19 safety vessels. Mariners are requested to transit the area with caution. For more details or comments contact MST1 J. Clark at 415-399-7440.

Chart 18649

LNLM: 13/15

#### **SAN FRANCISCO BAY-MARINE EVENT**

Straits of Mare Island Rowing Association will sponsor a rowing event in Mare Island Strait from 0730-1230, 09 Apr 15. the event will consist of approximately 48 participants and two safety vessels. Mariners are requested to transit the area with caution. For more details or comments contact MST1 J. Clark at 415-399-7440 or Brenda Plechaty at 510-331-3007.

Chart 18649

LNLM: 13/15

#### **SAN FRANCISCO BAY-MARINE EVENT**

Water World Swim will sponsor a swimming event in San Francisco Bay from 0715-0815, 04 Apr 15. Approximately 35 participants will swim from Alcatraz to Aquatic Park with 25 safety vessels. Mariners are requested to transit the area with caution. For more details or comments contact MST1 J. Clark at 415-399-7440 or Pedro Ordenes at 415-806-1321.

Chart 18649

LNLM: 12/15

#### **SAN FRANCISCO BAY-OAKLAND INNER HARBOR-BRIDGE**

HIGH STREET DRAWBRIDGE- Either bascule leaf will be secured closed for deck maintenance Mon-Fri from 0930-1830 until 27 Apr 15. During the specified times the opposite leaf will continue to open for vessels. Normal double leaf operation will occur all other times. If necessary for the safe passage of vessels, a minimum 2 hour advance notice will be required during the work day for double leaf operation, to remove crews and equipment from the bridge. Horizontal clearance in single leaf mode is approximately 120ft. The bridge provides 16ft vertical clearance above mean high water when closed. Vessels that can transit through the bridge in the closed position may continue to do so at any time. For more details or comments contact the Coast Guard Project Manager at 510-437-3461.

Chart 18649

LNLM: 05/15

#### **SAN FRANCISCO BAY-RESEARCH BUOYS**

UC Davis is conducting a study in and around San Francisco Bay this spring and summer until approximately 31 Aug 15 that will consist of eleven lightweight moorings placed at the following locations.

- 37-45-18.0N 122-51-07.2W - Gulf
- 37-52-26.4N 122-37-37.2W - Rocky Point
- 37-46-37.2N 122-36-28.8W - Main Channel
- 37-49-22.8N 122-32-21.6W - Bonita Channel
- 37-48-54.0N 122-35-24.0W - Four Fathom
- 37-54-10.8N 122-26-39.1W - San Pablo near marker B
- 37-46-28.2N 122-21-55.8W - South Bay near marker SC
- 37-44-49.0N 122-34-55.2W - SW Bank
- 37-44-45.6N 122-32-09.6W - Zoo Bank
- 37-47-38.4N 122-30-14.4W - Mile Rock
- 37-49-07.4N 122-30-20.4W - Point Bonita

The moorings will consist of a 180lb steel anchor, a subsurface float, and 7/16 inch fabric line connecting everything together. These moorings will be marked on the surface with an orange float and 10ft spar buoy with orange flag and passive aluminum radar reflector. R/V MUSSLE POINT, R/V QUESTUARY, and/or R/V TED FRANTZ will be conducting the deployment and recovery of the moorings. For more details or comments contact Matt Robart at 541-231-9392.

Chart 18649

LNLM: 13/15

#### **SAN FRANCISCO BAY-SAN FRANCISCO MARINA-SHOALING**

Shoaling has been reported extending from the south side of the North Jetty at the entrance to San Francisco Marina. An unlighted white buoy has been established at 37-48-30N 122-26-23W in 9ft of water to mark the shifting shoal. The northern entrance is subject to rapid shoaling and should be avoided due to unknown depths. It is recommended that vessels transiting the marina enter and exit from the south side of the floating wave attenuator. Mariners are requested to transit the area with caution. For more details or comments contact Lawrence O'Donnel at 415-831-6322.

Chart 18649

LNLM: 11/15



#### **SAN FRANCISCO BAY-SOUTH BAY-BRIDGE LIGHTING**

The red rest pier axis light on the eastern side of the Dumbarton Railroad Bridge navigational opening is extinguished. For more details or comments contact the Coast Guard Project Manager at 510-437-3514.

Chart 18651

LNLM: 12/15

#### **SAN FRANCISCO MAY-MARINE EVENT**

Dolphin Club will sponsor a swimming event in San Francisco Bay from 0830-0930, 11 Apr 15. Approximately 60 participants will swim from Pier 39 to Aquatic Park with 20 safety vessels. Mariners are requested to transit the area with caution. For more details or comments contact MST1 J. Clark at 415-399-7440 or John Nogue at 707-227-4482.

Chart 18649

LNLM: 13/15

#### **SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)**

SAN FRANCISCO/OAKLAND BAY BRIDGE-EAST OF YBI- The Coast Guard has established a temporary safety zone (see 2015\_DemolitionSafetyZone in the enclosure section) in the navigable waters of the San Francisco Bay near YBI, in support of the San Francisco-Oakland Bay Bridge (SFOBB) Demolition through 30 Dec 15. This safety zone is established to protect mariners transiting the area from the dangers associated with over-head demolition and debris removal operations of the SFOBB. Unauthorized persons or vessels are prohibited from entering into, transiting through, or remaining in the safety zone without permission of the Captain of the Port or their designated representative. Mariners are requested to avoid the demolition area of the old bridge by using the western suspension bridge's main navigational channel, between San Francisco and YBI. Just east of the demolition area mariners can use the alternate, lighted channel, "I" - "J" (existing bridge) and E3 - E4 (3rd and 4th piers east of YBI, new bridge). The green center span lights on the existing eastern bridge have been temporarily extinguished in the main channel span, "G" - "H" and span "H" - "I". Temporary falsework is being erected between spans "H" - "I" red lights will mark the upstream and downstream portion of the bents. (see temp falsework in enclosure section) Barges may be moored to piers "G", "H", and "I" with the outboard corners lit at night with red lights. (see barge lighting in enclosure section.) A 60X180 ft crane barge may be anchored between piers "H" and "I" with anchor lines extending 600ft south of the mooring. (see barge anchor diagram in enclosure section). Clearances for alternate channel are: 442ft of horizontal clearance and 112ft of vertical clearance at Mean High Water. See Alternate\_Channel.pdf in the Enclosure Section of this Local Notice to Mariners. For details at the work site, mariners may contact Caltrans at 510-385-7084 or the Contractor at 925-250-1298. For more details or comments contact the Eleventh Coast Guard District Bridge Office Project Manager at 510-437-3515.

Chart 18650

LNLM: 43/08

#### **SAN FRANCISCO-OAKLAND BAY BRIDGE (WEST OF YBI)**

SAN FRANCISCO/OAKLAND BAY BRIDGE-WEST OF YBI- A section of steel and plastic timber fendering is missing from the south east corner of Pier "C" and is presumed sunk at the base of the pier. Mariners are advised to avoid direct contact with the pier. Caltrans is performing fog signal and electrical work on the San Francisco/Oakland Bay Bridge, west of YBI, at piers A through E. The decorative white lighting around the pier bases may be affected. Mariners are requested to transit the area with caution. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18649

LNLM: 39/14

#### **SAN FRANCISCO-OCEAN BEACH-GEOPHYSICAL SURVEY**

The USGS Pacific Coastal and Marine Geology Science Center (PCMGSC) will be conducting a geophysical survey off of Ocean Beach during daylight hours until 30 Sep 15. The operations to be conducted will be a bathymetric survey using a 200 kHz single beam echo sounder mounted on a personal watercraft (jet ski). Two personal watercraft will be used to conduct cross shore transects from within the surf zone out to 12NM from shore. Up to three 1 day surveys will be conducted at approximately at monthly intervals, as weather and project scheduling permits. At a minimum, one survey will be conducted near the end of the time interval, with up to two additional surveys to document the effects of large wave events on seafloor morphology. For more details or comments contact George Tate at 831-460-7484.

Chart 18680

LNLM: 07/15

#### **SAN FRANCISCO-OFFSHORE-MARINE EVENT**

Island Yacht Club will sponsor an offshore sailing event involving 30 participants out of San Francisco Bay from 0900 to 1900, 11 Apr 15. Mariners are requested to transit the area with caution. For more details or comments contact MST1 J. Clark at 415-399-7440 or John New at 510-521-2980.

Chart 18649

LNLM: 13/15

#### **SAN FRANCISCO-SUISUN BAY-MONTEZUMA SLOUGH-SUISUN MARSH-LOCK OPERATIONS**

The California Department of Water Resources has installed flashboards across the Suisun Marsh Salinity Control Structure maintenance channel at 38-05-36N 121-53-07W and begun operating the boat lock. All vessels requiring passage in either direction must use the boat lock. The boat lock will operate from 0700-1700 daily until 31 May 15, and will monitor VHF-FM Chan. 13 during operating hours. The boat lock signal is a standard traffic light. Whistle signals to request opening are two prolonged blasts followed by two short blasts. Full instructions on passage including an emergency phone number are posted on site. The boat lock is located on the east side of the channel and provides the following clearances: 16ft horizontally; 9ft over the sill at MLLW; 70ft in length between sector gates; and no vertical impairment. The piers will be marked by fixed red lights, and other parts of the structure will be marked by fixed yellow lights.

Mariners should be aware a shoal area exists along the east bank on both sides of the structure extending approximately 50ft out from the existing levee. Marker buoys have been placed to identify the area. Mariners are also advised that the Salinity Control Structure operations can, at times, create currents at the site greater than currents in other areas of Montezuma Slough. Mariners are requested to transit the area with caution. For more details or comments contact Reza Shahcheraghi at 916-574-2299.

Chart 18656

LNLM: 34/14



**SAN LUIS OBISPO TO DEL MAR-OFFSHORE-OCEANOGRAPHIC OPERATIONS**

Scripps Institution of Oceanography research vessel NEW HORIZON will be conducting oceanographic operations out to 300-400nm offshore between latitudes 32-57-24N and 35-05-18W from 09-18 Apr 15. Operations will consist of a towed acoustic hydrophone 300m astern and stationary work to 515m depth. Three APEX profiling floats that can reach depths from 0-1100m will be also deployed at the following positions:

32-55-04N 118-56-08W  
33-29-22N 119-19-08W  
33-09-22N 120-00-24W

NEW HORIZON will monitor VHF-FM Chan. 16 and 13. Mariners are requested to transit the area with caution. For more details or comments contact vessel Master at master@rv-newhorizon.ucsd.edu.

Chart 18022

LNM: 13/15

**SECTION VIII - LIGHT LIST CORRECTIONS**

An Asterisk \*, indicates the column in which a correction has been made to new information

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
135 3110	Los Angeles Light	33-42-30.798N 118-15-05.934W	Fl G 15s	73	14	White cylindrical tower with black stripes on white concrete block building. 73	Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si), operates continuously.	13/15
					*			
210	Point Arguello Light	34-34-37.440N 120-38-50.094W	Fl W 15s	97	9	On single post. 15		13/15
						*		
3110 135	Los Angeles Light	33-42-30.798N 118-15-05.934W	Fl G 15s	73	14	White cylindrical tower with black stripes on white concrete block building. 73	Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si), operates continuously.	13/15
					*			

**PUBLICATION CORRECTIONS**

None

**ENCLOSURES****SOUTHERN CALIFORNIA-MARINE SAFETY INFORMATION BULLETIN**

[MSIB Voluntary Traffic Lane 11-09.pdf](#)

See link above.

LNM: 09/10

**REPORT OF DELAY AT DRAWBRIDGE**

[DelayRept0207.pdf](#)

Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

**CERRITOS CHANNEL-BRIDGE**

[Heim\\_FalseworkTrestleBargeLighting.pdf](#) [HEIM\\_fenderpierlightingplan.pdf](#)

See link above

Chart 18749

LNM: 45/11

**LONG BEACH-MIDDLE HARBOR-DEMOLITION**

[Long Beach Containment Dike.pdf](#)



See link above.

LNM: 40/14

#### **SAN FRANCISCO BAY-ELECTRONIC AIDS TO NAVIGATION**

[AIS ATON Announcement.pdf](#)

See link above.

LNM: 04/14

#### **SAN CLEMENTE ISLAND-RESTRICTED AREAS**

[MSSB 004-14.pdf](#)

See Link above for Maritime Safety and Security Bulletin.

LNM: 45/14

#### **PETALUMA RIVER-BRIDGE**

[CofferdamLighting\\_US101\\_Petaluma.pdf](#)

See link above for Cofferdam Lighting Diagram

LNM: 26/13

#### **SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)**

[2015\\_DemolitionSafetyZone\\_SFOBB.pdf](#)   [temp\\_falsework.pdf](#)   [barge\\_lighting.pdf](#)   [barge\\_anchor\\_diagram\\_01.pdf](#)   [Alternate\\_Channel.pdf](#)

See links above to view Westar crane barge location diagram, Safety Zone, alternate navigation channel, temporary falsework lighting, barge mooring diagram, and anchor diagram, during demolition.

Chart 18649

LNM: 33/13

#### **CARQUINEZ STRAIT-BENICIA-SHOALING**

[Carquinez Strait Shoaling.pdf](#)

See link above.

LNM: 01/14

#### **LONG BEACH-MARINE CONSTRUCTION**

[Fireboat15.pdf](#)

See link above.

LNM: 09/15

#### **ARIZONA-LITTLEFIELD-VIRGIN RIVER-BRIDGE**

[Virgin\\_River\\_Bridge.pdf](#)

See link above.

LNM: 23/14

#### **TEMPORARY SAFETY GUIDELINES FOR NAVIGATING IN REDUCED VISIBILITY**

[TempReducedVis.pdf](#)

See Link above.

LNM: 08/13

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THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON THE WORLD WIDE WEB AT [WWW.NAVCEN.USCG.GOV/](http://WWW.NAVCEN.USCG.GOV/).

M. J. Salas  
U.S. Coast Guard  
Chief, Waterways Management Branch





## U. S. Coast Guard Sector Los Angeles – Long Beach

### MARINE SAFETY INFORMATION BULLETIN 11-09

#### **Los Angeles / Long Beach Harbor Safety Committee Voluntary Western Traffic Lanes**

There has been a recent trend in traffic patterns where some vessel operators are choosing to depart the Traffic Separation Scheme (TSS) established in the Santa Barbara Channel and transit through an area to the south of San Miguel, Santa Rosa and Santa Cruz Islands (referenced herein as “south of the Channel Islands”). As such, the Los Angeles / Long Beach Harbor Safety Committee has published voluntary western traffic lanes for vessels approaching and departing the Ports of Los Angeles and Long Beach.

Mariners transiting through the western and northern approaches to and from the Ports of Los Angeles and Long Beach (LA/LB) are advised the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved routing measure in this area. An IMO approved TSS reduces the risk of collision by providing for the separation of arriving and departing traffic and minimizing potentially hazardous crossing situations. Mariners, who have traditionally used this approved TSS, are encouraged to continue to do so.

#### **Voluntary Western Traffic Lanes**

To address the safety concerns created by increased traffic south of the Channel Islands, on October 6, 2009, the Los Angeles/Long Beach Harbor Safety Committee (LA/LB HSC) endorsed voluntary traffic lanes in the area south of the Channel Islands (referenced herein as “voluntary western traffic lanes.”). The new voluntary western traffic lanes are not approved by the IMO, nor are they approved by any U.S. federal authority, including the U.S. Coast Guard. The LA/LB HSC developed these lanes as a voluntary measure to promote vessel safety. The Coast Guard is taking separate action to study the increased traffic in this area.

The geographical coordinates for the voluntary western traffic lanes are published by the LA/LB HSC secretary at <http://www.mxsocal.org/Blogs/24/Voluntary-Routing-Zones.aspx>.

**Pacific Missile Test Range, Point Magu**



Departing the IMO approved TSS and transiting south of the Channel Islands may result in delays and diversions, as this transit will take vessels through the Pacific Missile Test Range, Point Mugu, California. **The U.S. Navy advises that hazardous operations may take place within the test range.** The test range extends for 180 miles in a South West direction from Point Mugu and is up to 210 miles wide. The specific hazardous areas within the range are broadcast by the Navy daily Monday through Friday at 0900 and 1200 on 2638 kHz and 2738 kHz. When notified by the Navy, the Coast Guard also broadcasts this information on VHF-FM channel 16.

When transiting south of the Channel Islands (inbound or outbound to the Ports of Los Angeles and Long Beach), all mariners should communicate with Navy PLEAD CONTROL in a timely manner so that early decisions can be made regarding safe routing. Every effort should be made to comply fully with any instructions received from the Navy. For information regarding the status of current hazardous operations contact “PLEAD CONTROL” on VHF Marine channel 11 or 16, or at (805) 989-8841/8843 from 0600-1800, and at (805) 816-0792 after 1800. If you are unable to contact “PLEAD CONTROL”, contact “SAN PEDRO TRAFFIC” on VHF-FM channel 14 or (310) 832 6411 for the most recent information regarding hazardous military operations.

The Navy requests all vessels transiting the range to submit a notification to PLEAD CONTROL indicating the vessel name, destination, and estimated time of entry into, and departure from, the test range. Notifications can be faxed to (805) 989-0102.

### **Whales**

Mariners are further reminded that large whales, including Blue, Grey, Humpback, and Fin whales, as well as other marine mammals, have been sighted in and around the Santa Barbara Channel, both within the TSS as well as to the south of the Channel Islands. These whales are all protected under federal law and some are listed as endangered species. Please report any collisions with whales or any observed live, injured, or dead whales, including time and position, to the National Oceanographic and Atmospheric Administration (NOAA) at 877-SOS-WHALE (877-767-9425) or the Coast Guard.

### **Recreational and Fishing Vessels**

The area to the south of the Channel Islands is also used by both commercial fishing vessels and recreational vessels, whose operators may not be aware of the new voluntary western traffic lanes or that ship traffic has recently increased in this area. Since the new voluntary western traffic lanes are not an IMO approved traffic separation scheme, the International Regulations for Avoiding Collisions at Sea (COLREGS) Rule 10 does not apply.

### **Questions**

Questions relating to the voluntary western traffic lanes should be directed to the LA/LB HSC Secretary at (310) 832-6411.



**U.S. COAST GUARD  
REPORT OF DELAY AT DRAWBRIDGE  
PER 33 CFR 117.5**

BRIDGE NAME \_\_\_\_\_ DATE \_\_\_\_\_

MILE \_\_\_\_\_ WATERWAY \_\_\_\_\_

1. Name/ Type of Vessel \_\_\_\_\_ Direction of Travel \_\_\_\_\_

2. Vessel Owner (Name) \_\_\_\_\_

(Address) \_\_\_\_\_

3. Name of Pilot (if applicable) \_\_\_\_\_

(Address) \_\_\_\_\_

4. Time vessel signaled for bridge opening \_\_\_\_\_

5. Location of vessel when signal was given \_\_\_\_\_

6. Time and location of vessel when delay began \_\_\_\_\_

7. Method of signal for bridge opening ( ) Radio ( ) Sound ( ) Visual

(If sound or visual signal was used, specify \_\_\_\_\_)

8. Time bridge operator acknowledged signal \_\_\_\_\_

9. Method of bridge operator acknowledgement ( ) Radio ( ) Sound ( ) Visual

(If sound or visual signal was used, specify \_\_\_\_\_)

10. Did bridge operator acknowledgement indicate the bridge

( ) Could be opened immediately

( ) Could not be opened immediately

11. If land traffic crossed the bridge:

Time land traffic started across the bridge \_\_\_\_\_

Time land traffic stopped crossing the bridge \_\_\_\_\_

Did land traffic stop on the bridge? \_\_\_\_\_

Duration land traffic stopped on the bridge \_\_\_\_\_

12. Time drawbridge opened for navigation \_\_\_\_\_

14. Additional comments \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

I certify the above information is true to the best of my knowledge and understand this statement may be used by the U.S. Coast Guard in levying fines against the bridge owner.

Signature \_\_\_\_\_

Telephone \_\_\_\_\_

Mariners may complete and send via fax or mail to:

USCG D11(dpw) Bridge Administration

Building 50-2

Coast Guard Island

Alameda, CA 94501-5100

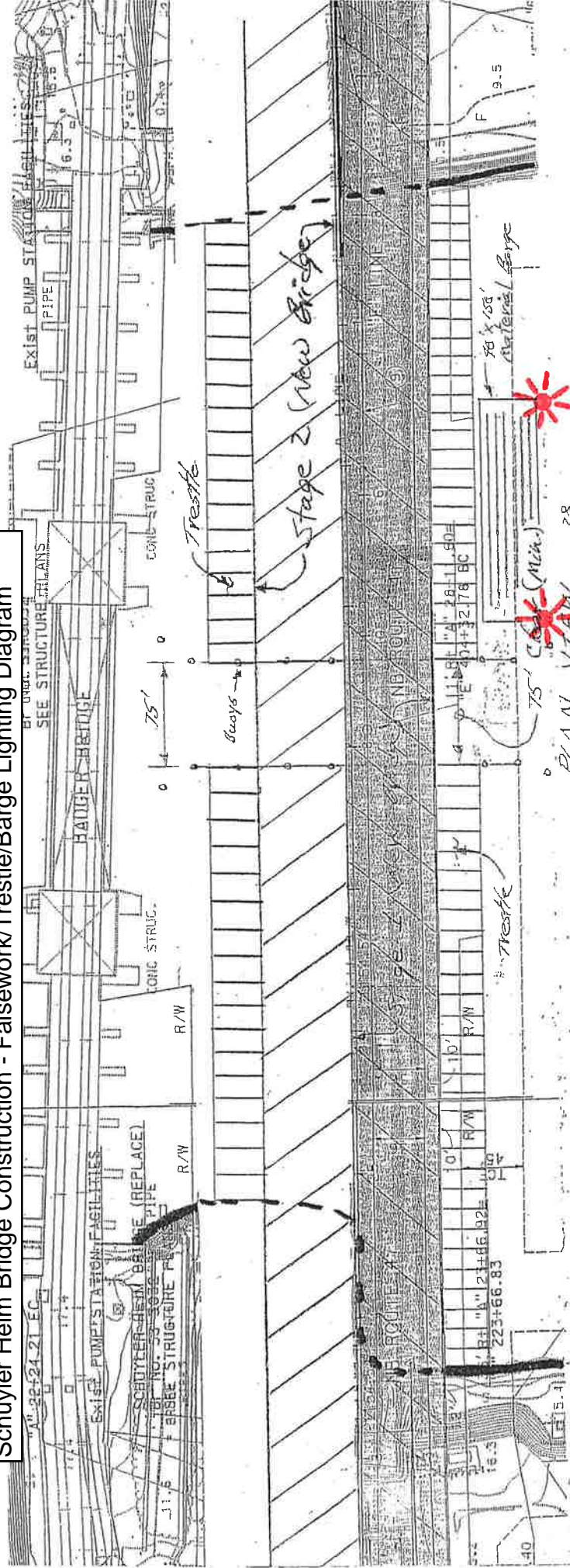
**Cellular: (510) 219-4366**, Work Phone: (510) 437-3516

Work Fax: (510) 437-5836

Mariners are reminded not to require bridge openings for appurtenances nonessential to navigation, per 33 CFR 117.11



## Schuyler Heim Bridge Construction - Falsework/Trestle/Barge Lighting Diagram



Ex 157 Br.

(stage 2 bridge)

29



Note: Stage 2 work

April, 2014 → Sept, 2015

New Bridge (Stage 1)

Stage 1 (new Br.)

 $(E+9)$ 

FALSE WORK

Section 2-a  
Stage 1  
shown

ELEVATION VIEW

Stage 1  
Shoach

43' VERTICAL CLEARANCE  
@ MEAN HIGH WATER

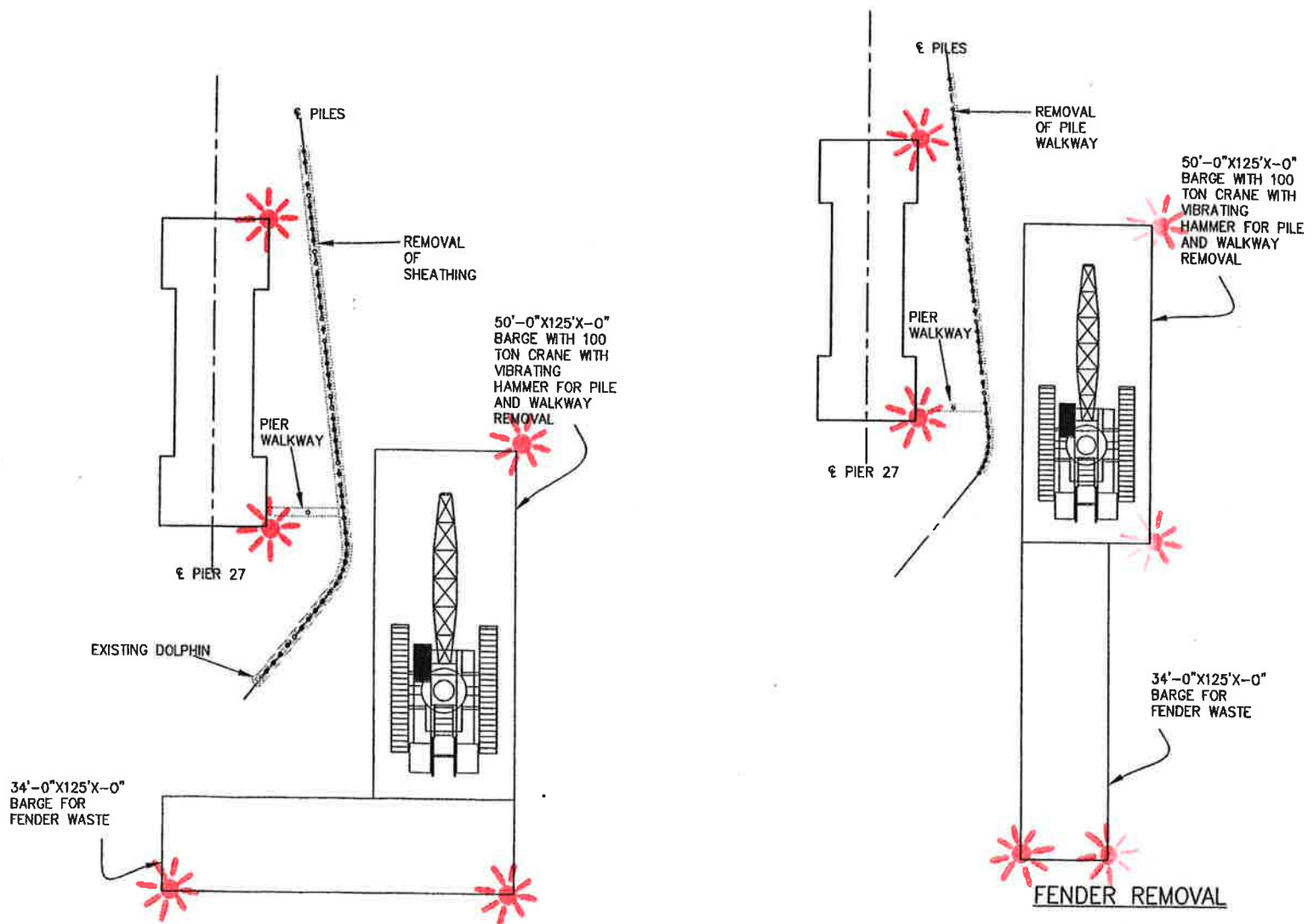
The upstream and downstream sides of the trestle and falsework shall be lighted, at night, with steady burning all round red lights, spaced 25 feet apart.

Each outboard corner of the moored barge shall be lighted at night with steady burning all round red lights.

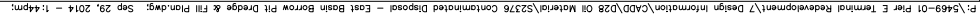


# **BARGE/PIER LIGHTING DIAGRAM** **COMMODORE SCHUYLER HEIM REPLACEMENT PROJECT** **MILE 4.9, CERRITOS CHANNEL**

The channel-ward corners of each barge and the upstream and downstream channel-ward ends of each exposed bridge pier shall be lighted at night with steady burning red lights, visible at 1,500 yards by approaching vessels. The lights on the exposed bridge piers shall be mounted at least 1 foot above the 100 year flood mark.









## U.S. Coast Guard to Test Automatic Identification System (AIS) Aids to Navigation (ATON)

The U.S. Coast Guard and other authorized agencies and organizations (i.e., U.S. Army Corps of Engineers, Marine Exchange of Alaska) have begun transmitting AIS ATON messages and marine safety information via AIS for testing and evaluation. The exact content, location, and times of these broadcasts will be announced in future Local Notices to Mariners.

AIS is an internationally adopted radio communication protocol that enables the autonomous and continuous exchange of navigation safety related messages amongst vessels, lifeboats, aircraft, shore stations, and aids to navigation (AIS ATON). AIS ATON stations broadcast their presence, identity (9-digit Marine Mobile Service Identity (MMSI) number), position, and status at least every three minutes or as needed. These broadcasts can originate from an AIS station located on an existing physical aid to navigation (Real AIS ATON) or from another location (i.e., AIS Base Station). An AIS Base Station signal broadcasted to coincide with an existing physical aid to navigation is known as a Synthetic AIS ATON. An electronically charted, but non-existent as a physical aid to navigation, is identified as a Virtual AIS ATON. The latter two can be used to depict an existing aid to navigation that is off station or not watching properly or to convey an aid to navigation that has yet to be charted. All three variants can be received by any existing AIS mobile device, but they would require an external system for their portrayal (i.e., AIS message 21 capable ECDIS, ECS, radar, PC). How they are portrayed currently varies by manufacturer, but the future intention is for the portrayal to be in accordance with forthcoming International Standards (i.e., IEC 62288 (Ed. 2), IHO S-4 (Ed. 4.4.0)).

Mariners capable of receiving and displaying these test AIS messages are encouraged to provide feedback and report any anomalies to the USCG NAVCEN Website: <http://www.navcen.uscg.gov> | Contact Us Tab | Subject: AIS | Category: AIS Testing.

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### Example of Local Notice to Mariners Chart Corrections for AIS ATONs

#### Chart Correction for *Real AIS ATON*

12326	52nd Ed.	01-JUNE-13	Last LNM: 53/13	NAD 83		LNM/14
Chart Title: <i>Approaches to New York</i>						
ADD		Magenta circle AIS Chart No. 1: S17.2 to ABC Channel Lighted Whistle Buoy A and			CGD 40-27-27.991N	073-50-12.228W
CHANGE		Characteristic to RW "A" Mo (A) WHIS Racon ( " ) AIS				

#### Chart Correction for *Synthetic AIS ATON*

18649	68th Ed.	01-JUNE-13	Last LNM: 52/13	NAD 83		LNM/14
Chart Title: <i>Entrance to San Francisco Bay</i>						
ADD		Magenta circle AIS Chart No. 1: S17.2 to ABC Approach Lighted Whistle Buoy AB and			CGD 37-44-59.749N	122-41-33.940W
CHANGE		Characteristic to RW "AB" Mo (A) WHIS Racon ( - ) AIS				






#### Chart Correction for *Virtual AIS ATON*

12314	33rd Ed.	01-JUNE-12	Last LNM: 51/13	NAD 83		LNM/14
Chart Title: <i>Delaware River Philadelphia to Trenton</i>						
ADD		ABC Railroad Bridge South Starboard V-AIS ATON Chart No. 1: S18.2		to	CGD 39-58-55.059N	075-04-06.856W
ADD		ABC Railroad Bridge South Port V-AIS ATON Chart No. 1: S18.2		to	38-58-55.803N	076-23-04.547W

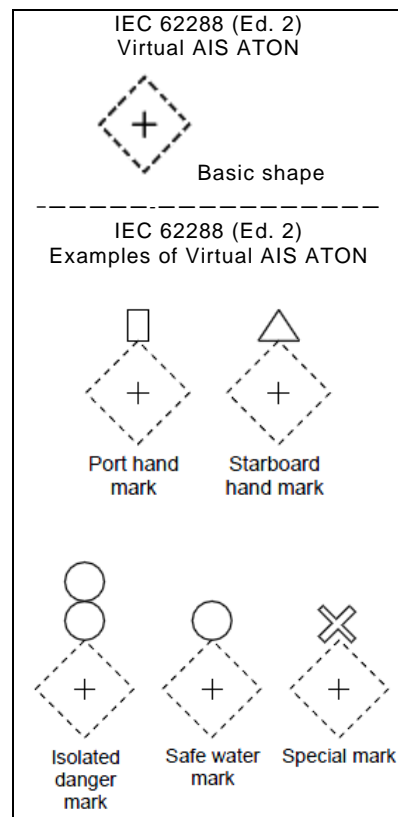
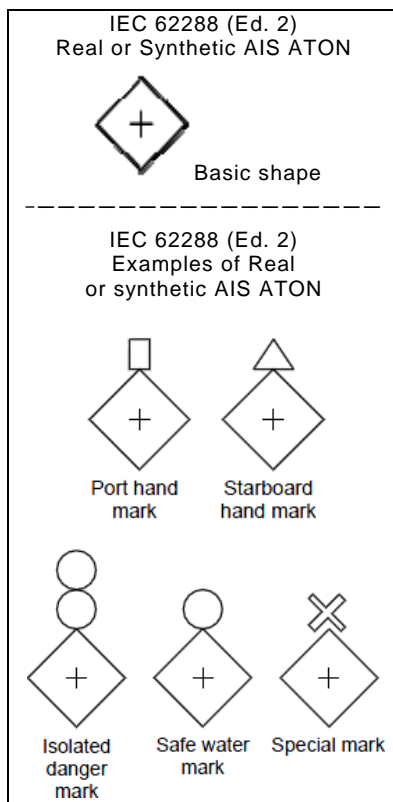
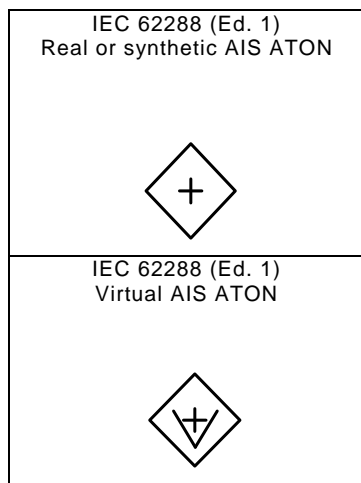
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## Virtual AIS ATON Symbology for Electronic Chart Display and Information System (ECDIS)

Port Lateral (IALA B)	A Virtual object marking the port side of a channel	
Starboard Lateral (IALA B)	A Virtual object marking the starboard side of a channel	
Isolated Danger	A Virtual object marking an isolated danger	
Safe Water	A Virtual object marking safe water	
Special Purpose	A Virtual object used to mark an area or feature referred to in nautical documents	

## AIS ATON Symbology of the International Electrotechnical Commission (IEC) and International Maritime Organization (IMO)





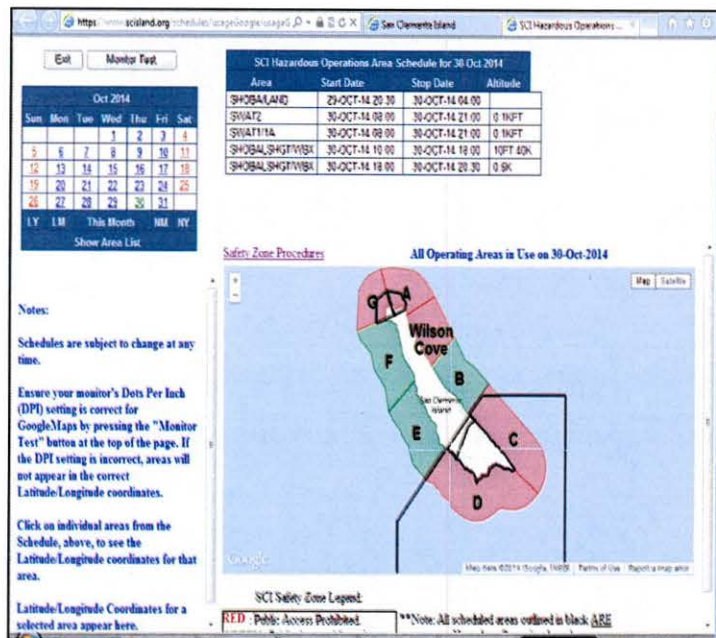
# Maritime Safety and Security Bulletin: 004-14

Effective Date: 10 November 2014



U. S. Coast Guard Sector San Diego  
Prevention Department  
2710 North Harbor Drive  
San Diego, CA 92101  
Phone: (619) 278-7241/7262  
Fax: (619) 278-7235

## SAN CLEMENTE ISLAND LIMITED ACCESS ADVISORY



Mariners operating in the vicinity of San Clemente Island are reminded of the **restricted** waterway access surrounding San Clemente Island (33 CFR 165.1131; 33 CFR 165.1141).

Since the inception of the regulations, numerous safety zone violations have been processed by Coast Guard Sector San Diego. Safety Zone incursions put the public at risk and cause costly and unnecessary training delays, as well as range cancellations. Violators of the San Clemente Island Safety and Security Zones are subject to monetary penalties. Criminal penalties may also be issued for repeated Safety and/or Security Zone violations. Failure to comply with the federal regulations could result in civil penalties of up to \$40,000.00. Furthermore, if a mariner holds a Merchant Mariners Credential, suspension or revocation action may be pursued against the mariner's credential.

<https://www.scisland.org/>

San Clemente Island is a top strategic Department of Defense military training facility. Dangerous naval activities occur weekly to ensure deployable military forces are trained for worldwide missions (e.g. small arms training, ground and air explosive ordnance training). Mariners conducting operations around San Clemente Island must abide by Federal regulations that apply to the three NM radius around the island. Eight zones comprise the Safety and Security Zones. Restriction times are based on U.S. Navy live fire exercises. Wilson Cove Security Zone and Safety Zone G are permanently closed. Mariners wishing to transit through Zone G must get preapproval from the U.S. Navy. The U.S. Navy makes every effort to maintain a schedule in advance and minimize public access restrictions. Periods of enforcement can be found at <https://www.scisland.org>. Restricted access areas and times are highlighted in red and listed in the associated website chart. If a Safety Zone section is green, mariners may access the waters. Mariners are advised to contact San Clemente Island via call sign "KRAKEN" on VHF CH 82A, or call Coast Guard Sector San Diego Joint Harbor Operations Center on VHF CH16 or at (619) 278-7033 to verify real-time status of the restricted waters.

If you would like more information about the Security and Safety zones surrounding San Clemente Island, please contact the Coast Guard Sector San Diego Waterways Management Division at 619-278-7656 or by email at [D11-DG-M-SectorSD-Prevention-WaterwaysManagement2@uscg.mil](mailto:D11-DG-M-SectorSD-Prevention-WaterwaysManagement2@uscg.mil).

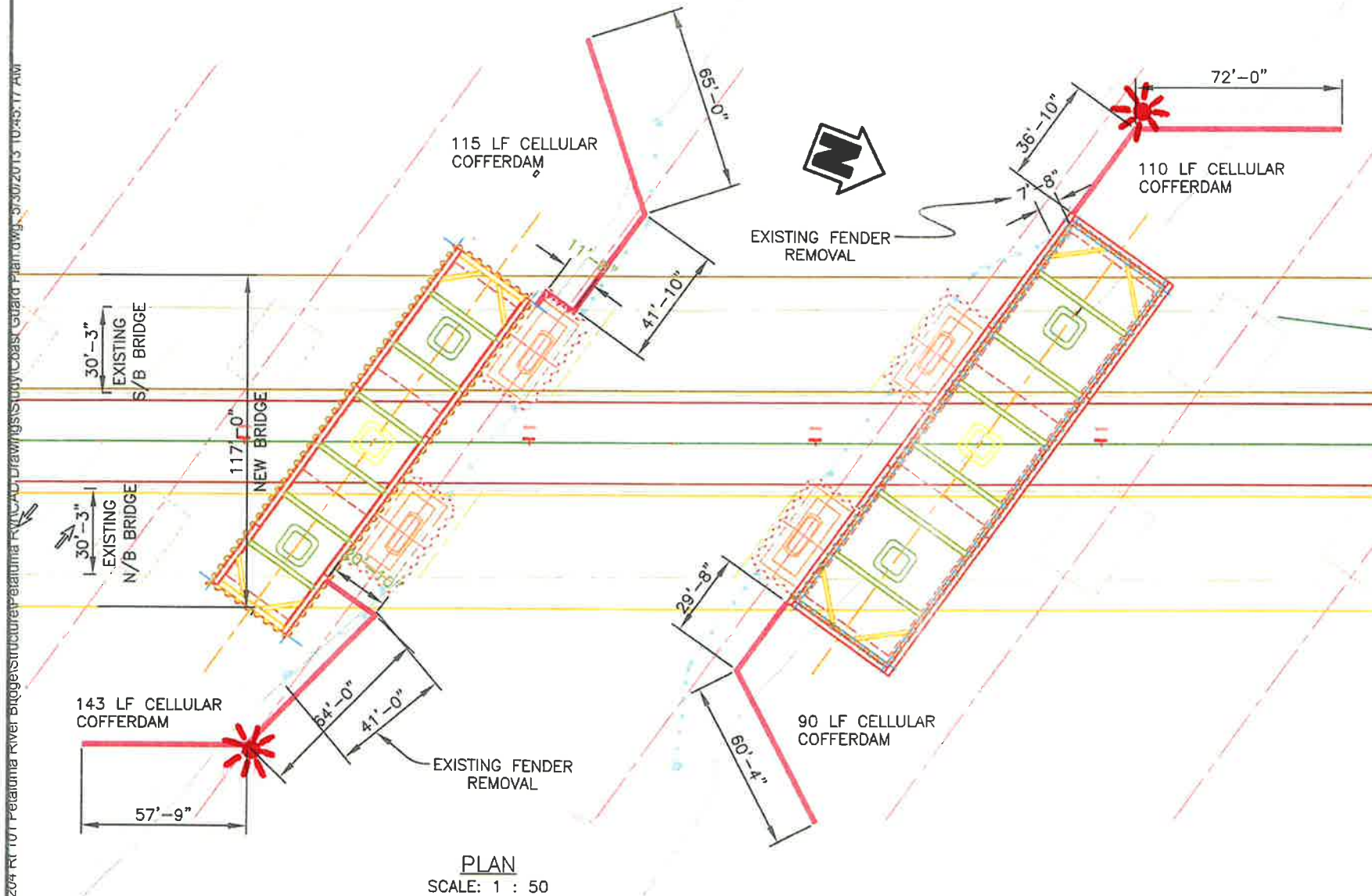
M. L. ROCHESTER  
Commander, U. S. Coast Guard  
Officer in Charge, Marine Inspection



# Cofferdam Lighting Diagram

## Replacement U.S. 101 Highway Bridge, Mile 12.5, Petaluma River

The corners of the northwest and southeast cofferdams shall be lighted at night with steady burning all round red lights, securely fastened, visible at 1,000 yards by approaching vessels.



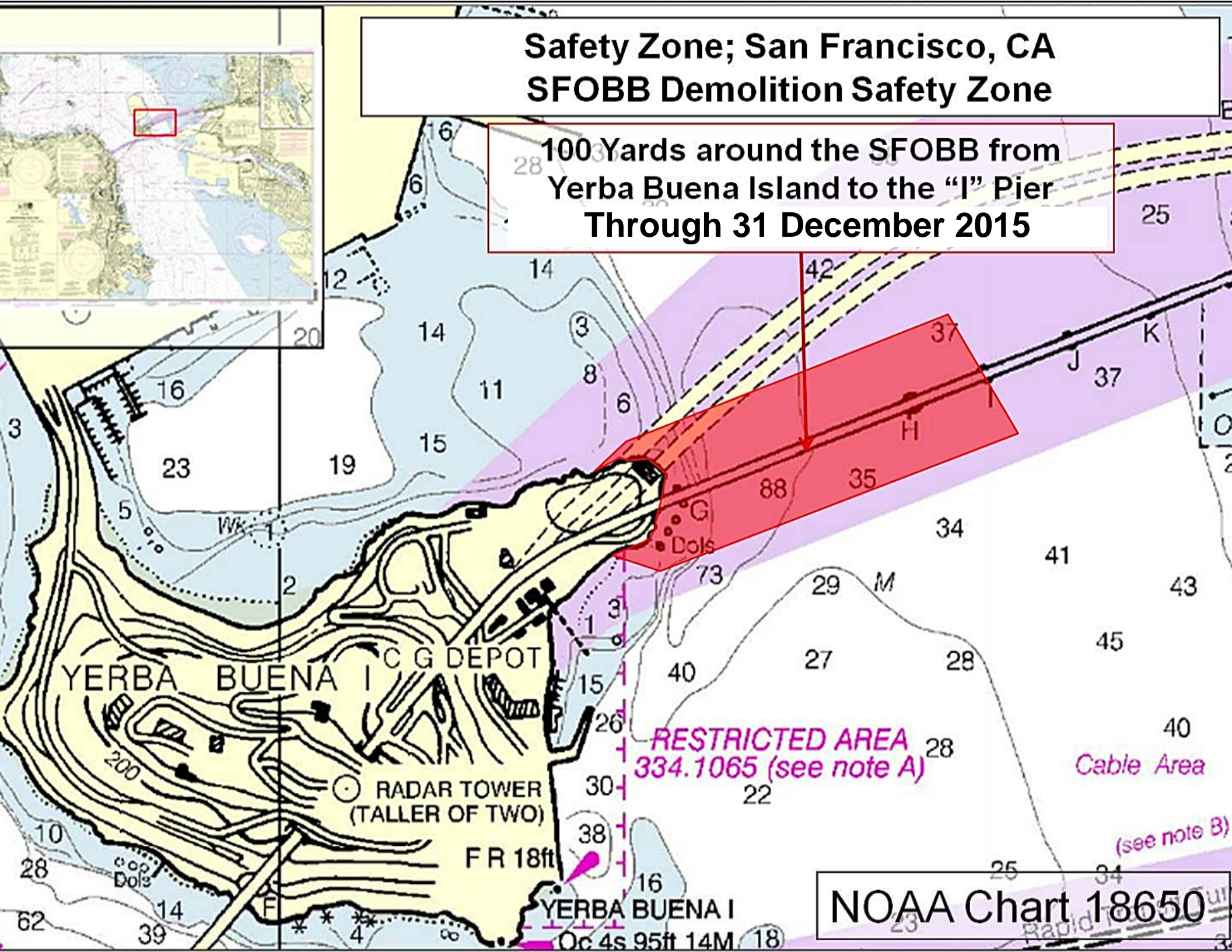
DESIGN BY	DATE	REV	DESCRIPTION
CC MYERS INC.			
DRAWN BY:			
EC:			
SCALE:			
AS SHOWN			
CC MYERS INC.			
3286 Fitzgerald Road, Rancho Cordova, CA 95742			
P.O. Box 2048, Rancho Cordova, CA 95741			
916-635-9370 Fax 916-635-1527			
PETALUMA RIVER BRIDGE			
COAST GUARD GENERAL PLAN			
PROJECT: PETALUMA RIVER BRIDGE (REPLACE)			
SHEET NUMBER: 1			
OP 1 SUBJECTS			
Coast Guard Plan			
SHEET NUMBER: 1			
OP 1 SUBJECTS			
Coast Guard Plan			

ENCLOSURE ( )



# Safety Zone; San Francisco, CA SFOBB Demolition Safety Zone

100 Yards around the SFOBB from  
Yerba Buena Island to the "I" Pier  
Through 31 December 2015



NOAA Chart 18650



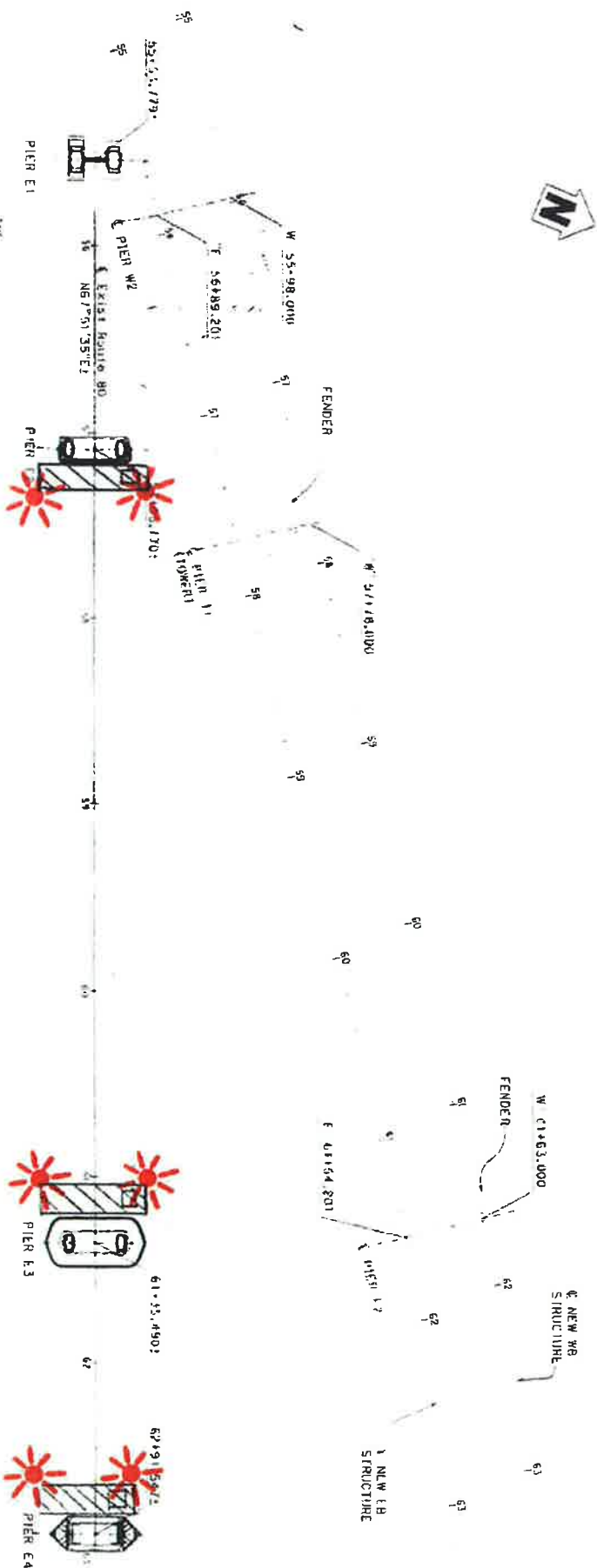
The drawing is a plan view of a bridge cross-section. At the top, it is titled "EXISTING SAN FRANCISCO-BAY EFFECT CANTILEVER TRUSS STRUCTURE SQUARED L.V.T.". On the left side, there are two vertical dimension lines: one for "WEST ANCHOR ARM 628'-0\" x 12'-0\"" and another for "EAST CANTILEVER ARM 412'-0\" x 12'-0\"". In the center, there are labels for "UPPER DECK" and "LOWER DECK". On the right side, there are more vertical dimension lines: "EAST CANTILEVER ARM 412'-0\" x 12'-0\"", "UPPER DECK", and "DOWN ANCHOR ARM 508'-0\" x 12'-0\"". At the bottom, there are three circular symbols representing "PILES" and "ANCHORS". A north arrow is located at the top left. Below the main drawing, there is a section titled "ELEVATION SOUTH TROSS SHOWN NORTH TROSS SIMILAR".

[illegible]



# Lighting Diagram - Equipment Barges Eastern Span San Francisco Oakland Bay Bridge Mile 8.9, San Francisco Bay

DATE	COUNTY	ROUTE
04	SF	80
 METCALF & EDDY CONSULTING ENGINEERS 2701 CALIFORNIA STREET, SUITE 200 OAKLAND, CALIF. 94612		



The outboard corners of each barge shall be lighted at night with steady burning all round red lights, visible at 2,000 yards by approaching vessels.

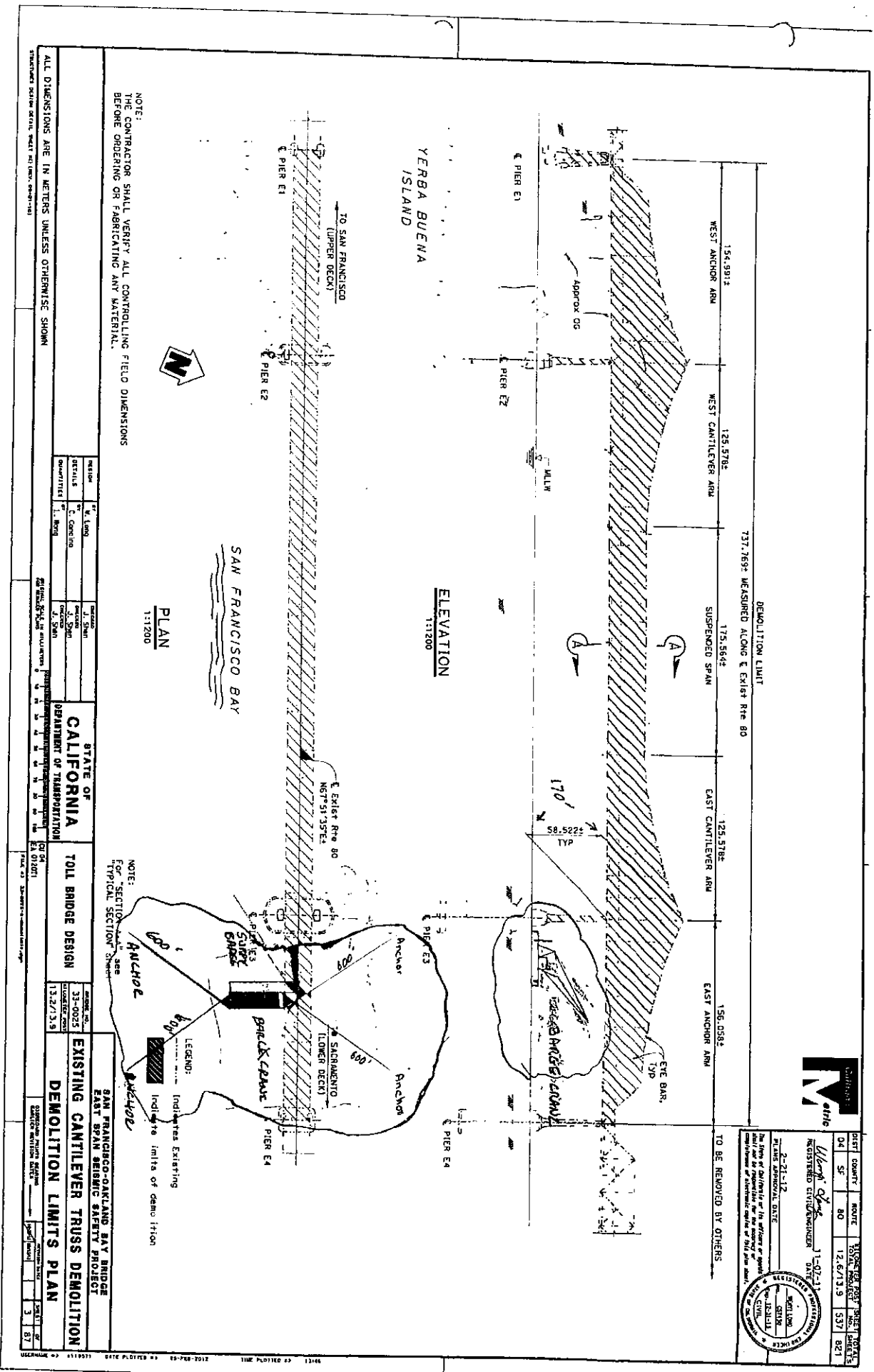
**ENCLOSURE (1)**

NOTE:  
THE CONTRACTOR SHALL VERIFY ALL CONTROL  
BEFORE ORDERING OR FABRICATING ANY MATE

PRELIMINARY INVESTIGATION SECTION				STATE OF CALIFORNIA		TOLL BRIDGE DESIGN		EXISTING CANTILEVER TRU FOUNDATION	
PROJECT NO.	PROJECT NAME	SECTION	DATE	BY	CHECKED	DATE	BY	DATE	BY
6	YERBA BUENA ISLAND	PIER E1	11/1/80	W. J. BROWN	W. J. BROWN	11/1/80	W. J. BROWN	11/1/80	W. J. BROWN
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN									



# San Francisco Oakland Bay Bridge Eastern Span Dismantling Barge Mooring Diagram



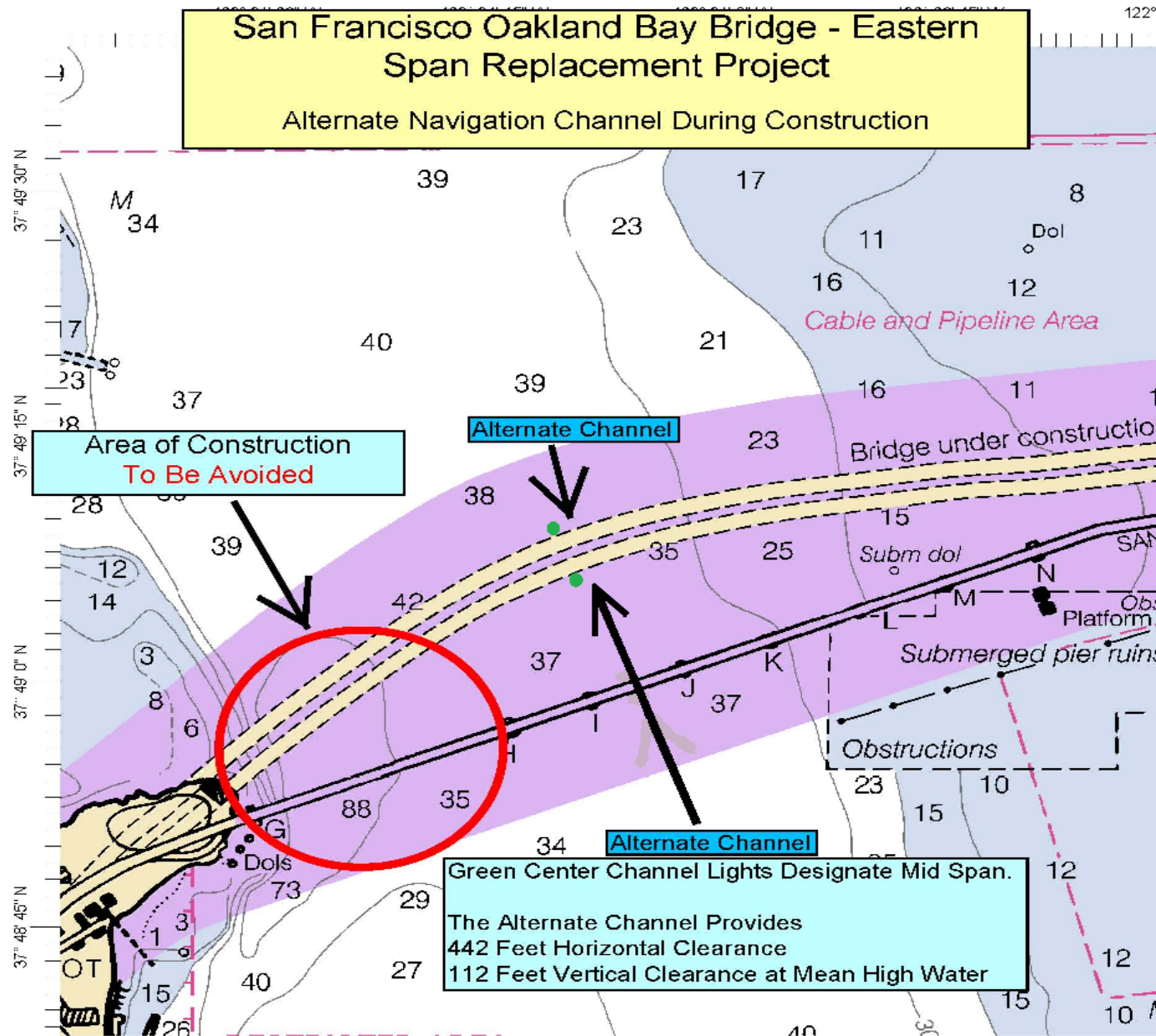


**San Francisco Oakland Bay Bridge - Eastern  
Span Replacement Project**

Alternate Navigation Channel During Construction

**San Francisco Oakland Bay Bridge - Eastern  
Span Replacement Project**

Alternate Navigation Channel During Construction







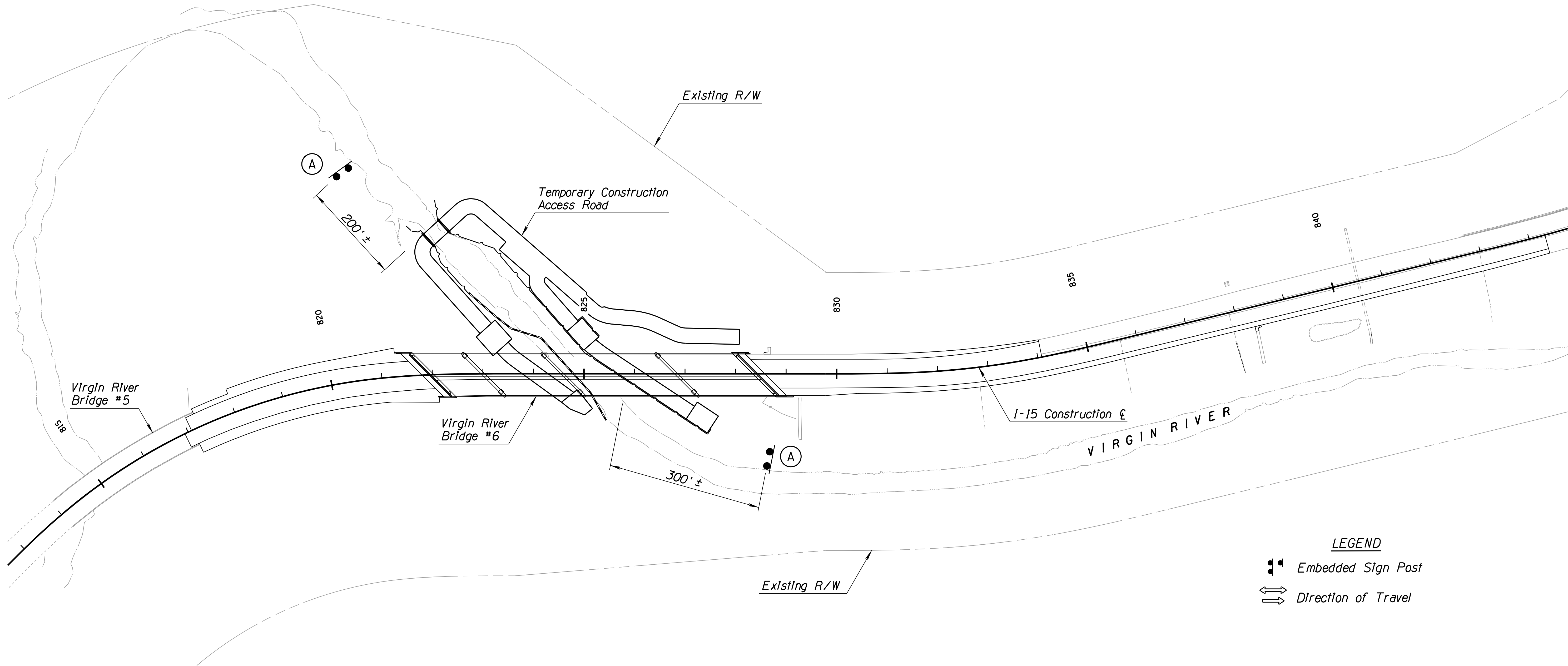






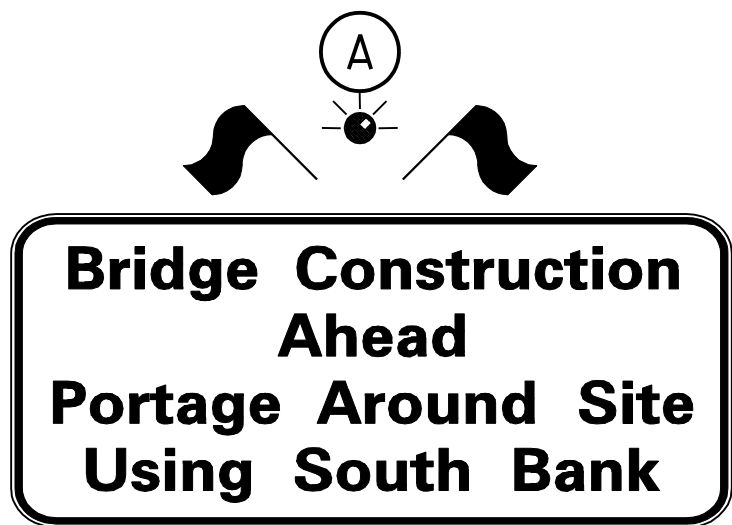
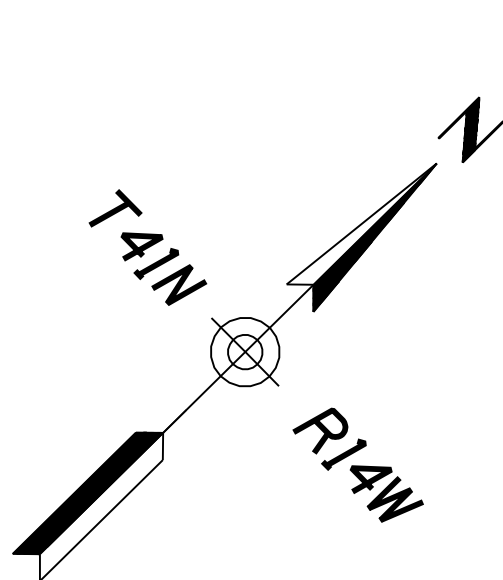
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	015-A(208)S	59	143	

015 MO 015



LEGEND

- Embedded Sign Post
- Direction of Travel



SPECIAL  
(72" X 48")

		NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES  TRAFFIC CONTROL ADVANCE WARNING SIGNS RIVER ACCESS		
DESIGN		MKO	01-14			
DRAWN		SR	01-14			
CHECKED		BSW	01-14	<b>JACOBS™</b>		
ROUTE		LOCATION				
I-15						
TRACS NO. H8574 01C				015-A(208)S		Expires 12/31/2016 DWG NO. TC-28 ____ OF ____



### **Temporary Safety Guidelines for Navigating in Reduced Visibility**

The following temporary guidelines apply to all vessels 1600 GT or greater, tugs with tows 1600 GT or greater, and all tugs with tows in petroleum service.

Nothing in this guidance should preclude vessel Masters, Pilots, and operators from taking proactive measures to ensure the safety of their vessel at all times.

1. Vessels should make visibility reports as part of their sailing plan report to the VTS and at any point in their transit when visibility conditions change substantially and navigation safety allows the report to be made.
2. Vessels transiting the San Francisco-Oakland Bay Bridge (West of Yerba Buena Island) in any condition of reduced visibility should generally do so via the A-B or D-E span unless vessel traffic, environmental or other safety factors dictate otherwise.
3. Outbound/northbound vessels should not transit the San-Francisco Oakland Bay Bridge (West of Yerba Buena Island) when visibility is less than 0.5 nautical mile.
4. Inbound vessels transiting the San Francisco-Oakland Bay Bridge in restricted visibility are advised to exercise extreme caution during their transit.